

<222> (560)

<223> n equals a,t,g, or c

<400> 360

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tctctggaga gcagcagcca tggccctacg ctaccctatg gccgtgggcc tcaacaagg 180
ccacaaagtg accaagaacg tgagcaagcc caggcacagc cgacgcgcgc gccgtctgac 240
caaacacacc aagttcgtgc gggacatgat tcgggaggtg tgtggctttg ccccgtagca 300
gcggcgcgcc atggagttag tgaaggtctc caaggacaaa cgggccctca aatttatcaa 360
gaaaaggggtg gggacgcaca tccgcgccaa gaggaagcgg gaggagctga gcaacgtact 420
ggccgccatg aggaaagctg ctgccaagaa agactgagcc cctccccctg cctctccctg 480
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<210> 361

<211> 1680

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (33)

<223> n equals a,t,g, or c

<400> 361

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gagagtgggt ttgggaagag tgagggtgggt tggggagagg ggaccgatgt gcctcattgt 1620
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<210> 362

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (591)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (709)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (718)

<223> n equals a,t,g, or c

<400> 362

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<210> 363

<211> 1324

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (385)

<223> n equals a,t,g, or c

<400> 363

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<210> 364

<211> 2853

<212> DNA

<213> Homo sapiens

<400> 364

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<210> 365

<211> 1837

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2)

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<220>

<221> misc feature

<222> (3)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (136)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (749)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1816)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1829)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1832)
<223> n equals a,t,g, or c

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<210> 366

<211> 1823

<212> DNA

<213> Homo sapiens

<400> 366

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<210> 367

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (17)

<223> n equals a,t,g, or c

<220>
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<222> (25)
<223> n equals a,t,g, or c

<220>
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<222> (30)
<223> n equals a,t,g, or c

<400> 367
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<210> 368
<211> 1117
<212> DNA
<213> Homo sapiens

<400> 368
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<211> 2226

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (24)

<223> n equals a,t,g, or c

<220>

<221> misc feature

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<222> (36)

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<400> 369

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<210> 370

<211> 3636

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1937)

<223> n equals a,t,g, or c

<400> 370

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<210> 371

<211> 4039

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1085)

<223> n equals a,t,g, or c

<400> 371

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<210> 372

<211> 1599

<212> DNA

<213> Homo sapiens

<400> 372

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<210> 373

<211> 464

<212> DNA

<213> Homo sapiens

<400> 373


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<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (886)

<223> n equals a,t,g, or c

<400> 374

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<210> 375

<211> 1874

<212> DNA

<213> Homo sapiens

<400> 375

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aaaaaaaaaa aagc 1874

<210> 376

<211> 2018

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1997)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2012)

<223> n equals a,t,g, or c

<400> 376

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gccctgaacc cagtgcctgc agccatggct cccggccagc tcgccttatt tagtgtctct 120
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aaaaaaaaaa aaaaccncgg ggggggcccc gnacccca 2018
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<210> 377

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (818)

<223> n equals a,t,g, or c

<400> 377

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tgtgtgagtc cctctgggag cccaacatgg atccggatca cctgtttgaa accatctccc 600
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tcacgagaa ggacaaaatc accaccagga cactgaaggc ccgaatggac taacctgtt 720
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aaaaaaaaaa accccggggg gggccgggaa ccaaattn 818
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<210> 378

<211> 2565
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1508)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2565)
<223> n equals a,t,g, or c

<400> 378
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agacctgaat gggcttgacc atctcacaaac tgctcgcgtg acgaccgcat tcgtggcagg 180
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tgcaacaaca actttgatat caacaatgaa gcaatgatat ctaagaacma aagartattt 300
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aacaccacaa tctgcagatg ttcaagtcct ttacataaaa tggcatagta tttatatgta 2460
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<210> 379

<211> 1680

<212> DNA

<213> Homo sapiens

<400> 379

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aatagttaca cacaagaggg aaactggaag ccaaacactg tacagtattg tgtagaaagt 180
cacctcccta ctccctttat tttacatgag tgctgatgtg ttttggcaga tgagctttca 240
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caagtaatac cagtactgtt taactatagc cagaactggc taaaattttt atattttcag 420
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gttttttaaa tgtatttttg ccctgaatta agtggttaatt tgatggaaac tctgctttta 1620
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<210> 380

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (4)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (214)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1165)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1255)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1262)

<223> n equals a,t,g, or c

<400> 380

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<210> 381

<211> 1031

<212> DNA

<213> Homo sapiens

<220>
<221> misc feature
<222> (1015)
<223> n equals a,t,g, or c

<400> 381
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caaaaatgtt tcacttccta acagttttcc tttttccact gtgtgactga aagctcctat 180
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<210> 382
<211> 1597
<212> DNA
<213> Homo sapiens

<220>
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<222> (1577)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1579)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1597)
<223> n equals a,t,g, or c

<400> 382
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agcggctgtc caatcgagtc gtgcgtgtgt tgggctgtaa cccgggtccc atgacctcc 180
aaggcaccac cacctaccta gtggggaccg gccccaggag aatcctcatt gacactggag 240
aaccagcaat tccagaatac atcagctgtt taaagcaggc tctaactgaa tttaacacag 300

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tttgtaaaag catcaataat gacactacct attgcattaa aaaactccca cggaatcctc 420
agagagaaga aattatagga aatggagagc aacaatatgt ttatctgaaa gatggagatg 480
tgattaagac tgaggggagcc actctaagag ttctatatatac ccctggccac actgatgatc 540
acatggctct actcttagaa gaggaanaatg ctatcttttc tggagattgc atcctagggg 600
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aaaaaaaaaa aaaaaangnc cccggggggg ggccggn 1597
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<210> 383

<211> 175

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (95)

<223> n equals a,t,g, or c

<400> 383

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ccaaacatct actacaagg atgagggtct ctctnactgt gctatcctga atccagccct 120
tcttgggtg ctccctcagt ttaaattcct ggtttraggg acamctstaa catct 175
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<210> 384

<211> 2171

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2166)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2170)

<223> n equals a,t,g, or c

<400> 384

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cggacttcct gggaaagtgg ggaaggccaa ggggaaaaaa acacaaatgg ctgaagtttt 180
gccttctccg cgtgggtcaaa gagtcattcc acgaataacc atagaaatga aagcagagggc 240
agaaaaagaa aataaaaaga aaattaagaa tgaaaatact gaagggaagcc ctcaagaaga 300
tggtgtggaa ctagaaggcc taaaacaaag attagaaaag aaacagaaaa gagaaccagg 360
tacaagaca aagaacaaaa ctacattggc atttaagcca atcaaaaaag gaaagaagag 420
aaatccctgg tctgattcag aatcagatag gagcagtgac gaaagtaatt ttgatgtccc 480
tccacgagaa acagagccac ggagagcagc aacaaaaaca aaattcaca tggtatttga 540
ttcagatgaa gatttctcag attttgatga aaaaactgat gatgaagatt ttgtcccatc 600
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acagaaaagt gtcgtgtcag acottgaagc tgatgatgtt aagggcagtg taccactgtc 720
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gggggncccn g 2171
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<210> 385

<211> 2364

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (19)

<223> n equals a,t,g, or c

<400> 385

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gcctaccaga tgcaggtcac cgcacaaggc actgggtata tggatcccc aaacaagaga 180
cataatcccg gtccttaggt agtgctagt tggtctgtaa tatcttacta aggcctttgg 240
tatacgaccc agagataaca cgtagcgtat tttagttttg caaagaagg gtttggtctc 300
tgtgccagct ctataattgt tttgctacga ttccactgaa actcttcgat caagctactt 360
tatgtaaadc acttcattgt tttaaaggaa taaacttgat tatattgttt ttttatttgg 420
cataactgtg attcttttgg gacaattact gtacacatta aggtgtatgt cagatatcoa 480
tattgaccca aatgtgtaat attccagttt tctctgcata agtaattaaa atatacttaa 540
aaattaatag ttttatctgg gtacaaataa acaggtgcct gaactagttc acagacaagg 600
aaacttctat gtaaaaatca ctatgatttc tgaattgcta tgtgaaacta cagatctttg 660
gaacactgtt taggtagggt gtttaagact acacagtacc tctgttctac acagagaaag 720
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tataagccat agacactata gtataccagt gaatctttta tgcagcttgt tagaagtatc 2220
ctttatttct aaaaggtgct gtggatatta tgtaaaaggc tgtttgctta aacttaaaac 2280
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atattattat ttocctttat caaa 2364
```

<210> 386

<211> 2864

<212> DNA

<213> Homo sapiens

<400> 386

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aaacagatcc tctcccgagc taacaccata cccatcattg gttccccctc cagcaagcgg 180
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agaagccctt tgctgcagcc aattatcgag ggcgaaactg cttccttctt caaggagata 240
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ctgaaaaccg atttcagtcg acgatgcttt ctggaycaat tcgaagatga cgctgatgga 360
tttattttccc caatggatga taaaatacca tcaaaatgca gccaggacac agggctttca 420
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aagaaaagga ttcgaaagaa acttcgggat tttgaagaca actttttcag acagaatgga 540
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caccaagtaa gttatataaa ataaaaaaaa aaaaaaaaaa tcga 2864

<210> 387

<211> 2683

<212> DNA

<213> Homo sapiens

<220>
<221> misc feature
<222> (40)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2649)
<223> n equals a,t,g, or c

<400> 387
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tttcctagat ccacactttc aaagagaaac ccctccagaa cccccacct gacagcccaa 180
caccaccttc ctcttggtt ccagggggca gccagtgga atggaaagaa tgtgggattt 240
ggagtccagc aagcctgagt ccagttcccc gtttagaact cattagctgt gtgactctgg 300
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<210> 388

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (35)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (37)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (57)

<223> n equals a,t,g, or c

<400> 388

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gtgatgaaga agaggaggaa gatgaggaga gctcctcgga gggcttgagg gctgaggact 180
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cagccaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1440

aaaaaa

1446

<210> 389

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (705)

<223> n equals a,t,g, or c

<400> 389

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ataaaaactg acttgtaatc caggctatgt ctctttttag ctctcgtaatc tttggcaagg 180
ccattggatt cttcagctgt acaattagga gactcgatca ggtgattgcc tttctcagct 240
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tataaaactca aactaaatca tgaattacag aaaaagtcca ttcttccaaa acttgatgtt 360
accacactta caagttttaa atatgaagtc gactgtttaa aggattctgc atatattcta 420
gtgtgcacat tcagaaacat ttttcttgga aaaagtaccc aacatttttt ataactgcac 480
atattaattt attgccagaa taaattgcat tgcattgctaa ataaagtcag ataattcaaa 540
tccatttgct tttatgtagt ttttcttcta aatgtcaaca ttttggaatt aaaatgttta 600
tggttttata tgagggtagg aaatcctaac tgctttgggg ggtattgttt ataggctttt 660
tgttatgggg ccggtagttt ttaatatggg ggattgccca tttcnaccgt ttggggggccc 720
ggg
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<210> 390

<211> 1046

<212> DNA

<213> Homo sapiens

<400> 390

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ccgacctgct ggtgccactc tggaaagggc caagactctc tcccagggga agaattgggt 180
cgtcaaagac gtttttgctt ttgggggtgc cgtggagaac cccagtagt tgacacccca 240
gggaggagct gccctcagc cccaccctcc tctgccttc agccagcctc tcgacaaact 300
ctattactgg gaccaggacc caccagagcg gggggctcca cccagcacct tcaaaggga 360
acctacggca gagaaccag agtacctggg tctggacgtg ccagtgtgaa ccagaaggcc 420
aagtcgcag aagccctgat gtgtcctcag ggagcaggga aggcctgact tctgctggca 480
tcaagagggt ggagggccct ccgaccactt ccagggggaa ctgccatgcc aggaacctgt 540
cctaaggaac ctctcttctc gcttgagttc ccagatggct ggaaggggtc cagcctcggt 600
ggaagaggaa cagcactggg gagtctttgt ggattctgag gccctgcccc atgagactct 660
aggggtccagt ggatgccaca gccagcttg gcccttctc tccagatcct gggtagtgaa 720
agccttaggg aagctggcct gagaggggaa gcggccctaa gggagtgtct aagaacaaaa 780
gcgaccatt cagagactgt ccctgaaacc tagtactgcc ccccatgagg aaggaacagc 840
aatggtgtca gtatccagga tttgtacaga gtgcttttct gtttagtttt tacttttttt 900
gttttgtttt tttaaagatg aaataaagac ccagggggag aatgggtgtt gtatggggag 960
gcaagtgtgg ggggtccttc tccacaccca ctttgtccat ttgcaaatat attttggaaa 1020
acaaaaaaaa aaaaaaaaaa aaaaaa
```

1046

<210> 391
<211> 699
<212> DNA
<213> Homo sapiens

<400> 391
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atttggtgtg ctgttgaagg ggggagacta gagaaatggc agggaaacct ttatccgggg 180
caggtaggcg cctgtgggac tgggtgcctc tggcgtgcag aagcttctct cttggtgtgc 240
ctagattgat cggataaagg ctcaactctc cgcccccaa agtggttgat cgttggaacg 300
agaaaagggc catgttcgga gtgtatgaca acatcgggat cctgggaaac tttgaaaagc 360
accccaaaga actgatcagg gggcccatat ggcttcgagg ttggaaaggg aatgaattgc 420
aacgttgtat ccgaaagagg aaaatggttg gaagtagaat gttcgtgat gacctgcaca 480
accttaataa acgcatccgc tatctctaca aacactttaa ccgacatggg aagtttcgat 540
agaagagaaa gctgagaact tcggaagggt ctcatctgtc accctggaga agggaaactg 600
tacttttccc tgtgaggaaa cggctttgta tttctctgt aataaaatgg ggcttctttg 660
gaaaaaaaa aaaaaaaaa aaaaaaaaa aagtcgacc 699

<210> 392
<211> 1545
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (24)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (25)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (54)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (58)
<223> n equals a,t,g, or c

<400> 392
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ccggactcgg acgcgtggta gccccaggat gggtaggttc aacgagaaga agacaacatg 120
tggcacgggt tgccctcaagt acctgctgtt tacctacaat tgctgcttct ggctggctgg 180
cctggctgtc atggcagtgg gcactctggac gctggccctc aagagtgact acatcagcct 240
gctggcctca ggcacctacc tggccacagc ctacatcctg gtggtggcgg gcaactgtcgt 300

catggtgact ggggtcttgg gctgctgcgc caccttcaag gagcgctcga acctgctcgc 360
cctgtacttc atcctgctcc tcacatctt tctgctggag atcatcgctg gtatcctcgc 420
ctacgcctac taccagcagc tgaacacgga gctcaaggag aacctgaagg acaccatgac 480
caagcgctac caccagccgg gccatgaggc tgtgaccagc gctgtggacc agctgcagca 540
ggagttccac tgctgtggca gcaacaactc acaggactgg cgagacagtg agtggatccg 600
ctcacaggag gccggtggcc gtgtggtccc agacagctgc tgcaagacgg tgggtggctct 660
ttgtggacag cgagaccatg cctccaacat ctacaagggt gagggcggct gcatcaccaa 720
gttgagagacc ttcattccag agcacctgag ggtcattggg gctgtgggga tcggcattgc 780
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catgtgcctc tgcggggcag gcccttcctg gttttgtaca ctgctgtacc cagatgccta 1440
caaccatccc tgccacatac aggtgctcaa taaacactg tagagcagaa aaaaaaaaaa 1500
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaa 1545

<210> 393

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (490)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (748)

<223> n equals a,t,g, or c

<400> 393

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ttyggcatca atatggtgac ctcccgggag cggrggacca ccagggttgc taaggagggg 120
tgaaccggyc caggtcggaa acggagcagt ttcccttgag cggagattca ggtttttcag 180
gtgggtcttg tgagctggg tctttacaac cctgccttg gctctgctga caaaaactcc 240
cgcaaaaggg cccctcgtag caaggtcccg ccgccacgag actttcacat caatctcttc 300
cgcatgcagc cctggctgag gcagcacctg ggggatgtcc tgaatttttt acccctctag 360
ccatggccac tgagccctct gctgccctgc cagaatctgc cggccctcca tcttctacct 420
ctgaatggcc acccttagac cctgtgatcc atcctctctc ctgctgagt aaatccgggt 480
ctctaggatn ccagaggcag cgcacacaag ctgggaaatc ctcagggctc ctaccagcag 540
gactgcctcg ctgccccacc tcccgcctct tggcctgtcc ccagattcct tccctgggtg 600
acttgactca tgcttgttct actttcacat ggaatttccc agttatgaaa ttaataaaaa 660
tcaatggttt ccacaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 720
aaaaaaaaaa aaaaaaaaaa aaaaaaana 749

<210> 394

<211> 611

<212> DNA

<213> Homo sapiens

<400> 394

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gcgcggcggc ggcggggtgg ctgggccggc ggccggcgcg gtacgaggcg cgcgctcggg 60
gtcccggctc cgaggaggag gaggatgtgg cgcgcggagg ggaaatggct gccgaaaaca 120
agccggaaga gcgtttccca aagtgtattc tgcggaacta gcacctactg tgttctcaac 180
accgtgccac ctatagaaga tgatcatggg aacagcaata gtagtcatgt aaaaatcttt 240
ttaccgaaaa agctgcttga atgtctgccg aaatgttcaa gtttaccaaa agagaggcac 300
cgctggaaca ctaatgagag atcatgatgc agccgtcctt ttggatttct ttttaataat 360
gtgtgaccct tcacctttga tccctgacc tgcattacct tggtaaccat ttcatttttt 420
aatttaattt cattttttta ttttggtgta caagctgtaa catttcatct ttcaaagtgt 480
aacacgctga tttcctcaaa tagagatacc cctttgagtg ataaatttgc aaaatgctgt 540
cttcattttc tgtattaaaa ttcatttcag ttttaaaata aagtgaatc tgtgttttca 600
tcctttttaa a                                     611
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<210> 395

<211> 1856

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1851)

<223> n equals a,t,g, or c

<400> 395

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acccgcgccg cgggacccct aaagtctctg ttctgtcggg gcagcccgcc tccgcgcgcg 120
gagccccggc cggccaggcc ctgccgctca tggtgccagc ccagagaggg gccagcccg 180
aggcagcgag cggggggctg cccagggcgc gcaagcgaca gcgcctcacg cacctgagcc 240
ccgaggagaa ggcgctgagg aggaaactga aaaacagagt agcagctcag actgccagag 300
atcgaaaaga ggctcgaatg agtgagctgg aacagcaagt ggtagattta gaagaagaga 360
acaaaaaact tttgctagaa aatcagcttt tacgagagaa aactcatggc cttgtagttg 420
agaaccagga gttaagacag cgcttgggga tggatgccct ggttgctgaa gaggaggcgg 480
aagcaagggg aatgaagtga ggccagtgcc cgggtctgct gagtccgcag cactcagact 540
acgtgcacct ctgcagcagg tgcaggccca gttgtcacc ctccagaaca tctcccatg 600
gattctggcg gtattgactc ttcagattca gagtctgata tcctgttggg cattctggac 660
aacttggacc cagtcatggt cttcaaatgc cttccccag agcctgccag cctggaggag 720
ctcccagagg tctaccaga aggacccagt tccttaccag cctccctttc tctgtcagt 780
gggacgtcat cagccaagct ggaagccatt aatgaactaa ttctttttga ccacatatat 840
accaagcccc tagtcttaga gataccctct gagacagaga gccaagctaa tgtggttagt 900
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tcattccagc actgccccaa gccatcttcc tgcctactgg atgcttacag tgactgtgga 1080
tacgggggtt ccctttcccc attcagtgc atgtcctctc tgcctgggtg aaaccattct 1140
tgggaggaca cttttgccaa tgaactcttt cccagctga ttagtgtcta aggaatgatc 1200
caatactggt gcccttttcc ttgactatta cactgcctgg aggatagcag agaagcctgt 1260
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tgagacatat tactggaagt aagaaatatt actataattg agaactacag cttttaagat 1440
tgtactttta tctttaaagg gtggtagttt tccctaaaat acttattatg taagggtcat 1500
tagacaaatg tcttgaagta gacatggaat ttatgaatgg ttctttatca tttctcttcc 1560
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gtagcttctg aaagggtgctt tctccattta tttaaaacta cccatgcaat taaaagggtac 1800
aatgcaaaaa aaaaaaaaaa aaaaaaaacc ggggggsgcc ccggaaccaa nttccc 1856
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<210> 396

<211> 2651

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (45)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (47)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2642)

<223> n equals a,t,g, or c

<400> 396

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tttgaacgag acgaagacgg aaccggagcc ggttgccggc agtggaacgc gttctgccga 120
gagccgaaga tggcagtgaa cgtatactca acgtcagtga ccagtataaa cctaagtcga 180
catgacatgc tggcctggat caatgagtc ctgcagttga atctgacaaa gatcgaacag 240
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ttgaagaaa tgaaattcca agctaagcta gaacacgagt acatccagaa cttcaaaaata 360
ctacaagcag gttttaagag aatgggtggt gacaaaataa ttcctgtgga caaattagta 420
aaaggaaagt ttcaggacaa ttttgaattc gttcagtggg tcaagaagtt tttcgatgca 480
aactatgatg gaaaagacta tgaccctgtg gctgccagac aaggtaaga aactgcagtg 540
gctccttccc ttgttgctcc agctctgaat aaaccgaaga aacctctcac ttctagcagt 600
gcagctcccc agaggcccat ctcaacacag agaaccgctg cggtcctaa ggctggccct 660
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cagcaggtca acgtattgaa acttactggt gaagacttgg agaaagagag ggatttctac 780
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gtattgcaga ggattgtaga cattctgtat gccacagatg aaggctttgt gatactgat 900
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cggaattctt cactccaaat catgtgctta actgtaaaat actccctttt gttatcctta 1020
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gacgtttcac tccttttcca ataagtttga gttaggagct tttaccttgt agcagagcag 1140
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tattaacayc tagttggttc acctggaaaa cagagaggct gaccgtggg ctcacccatgc 1200
ggatgcgggt cactactgaat gctggagaga tgttatgtaa tatgctgagg tggcgacctc 1260
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aataagtataa tgccttaaga gtatttaaaa tatgcttcca catttcaaaa tataaaatgt 1380
aacatgacaa gagattttgc gtttgacatt gtgtctggga aggaagggcc agaccttgga 1440
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anggaacca a 2651

<210> 397

<211> 2507

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2489)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2496)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2504)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2505)

<223> n equals a,t,g, or c

<400> 397

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aggccttttt gacagccccc caggttcaga tgatgcaaag cttattgata tattttatcc 120
cggagatcag cagtctgtga catttggaac caagtctaga gtkggaatgg gtggcatgga 180
agccaagggtg aaagcagccc tctgggcttt gcaagggtggc acttctgtwg twattgcaa 240
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tggtaccttc ttttcagaag taaagcctgc aggcctact gttgagcagc agggagaaat 360
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ccatcatctg gctgatctgt tgacggacca gcgtgatgag atcctgttag ccaacaaaaa 480
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cacatccaaa ttgaacagcc tggccatcgg tctgcgacag atcgcagcct cctcccagga 600
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gcttgaaatt tttgtatgaa ttattttgtc gtctaccct tttcctccaa aacaaaaatt 2400
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<210> 398

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature
 <222> (1227)
 <223> n equals a,t,g, or c

<220>
 <221> misc feature
 <222> (1229)
 <223> n equals a,t,g, or c

<220>
 <221> misc feature
 <222> (1252)
 <223> n equals a,t,g, or c

<400> 398
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 <212> DNA
 <213> Homo sapiens

<400> 399
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<210> 400

<211> 1522

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (479)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1471)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1481)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1487)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1501)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1508)

<223> n equals a,t,g, or c

<400> 400

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<210> 401

<211> 1370

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1223)

<223> n equals a,t,g, or c

<400> 401

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tcgcatctcc tcagccgggt gcctagggga actgtgtgcc tttttgactg aagaggagct 360
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<210> 402

<211> 1412

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (51)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1406)

<223> n equals a,t,g, or c

<400> 402

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<210> 403

<211> 1750

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (40)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (44)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (70)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (107)

<223> n equals a,t,g, or c

<400> 403

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<210> 404

<211> 1339

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (150)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1330)

<223> n equals a,t,g, or c

<400> 404

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<210> 405

<211> 482

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (440)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (469)

<223> n equals a,t,g, or c

<400> 405

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gg 482
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<210> 406

<211> 1413

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (9)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (24)

<223> n equals a,t,g, or c

<400> 406

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ttatttctgt tcggggccca tctatcctgg acacggcatg atgttcgtcc gcaacgattg 180
caaggtgttc agattttgca aatctaaatg tcataaaaac tttaaaaaga agcgcaatcc 240
tcgcaaaagt aggtggacca aagcattccg gaaagcagct ggtaaaagagc ttacagtgg 300
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gaataaaact attgatgcga tgaagagagt tgaagaaatc aaacagaagc gccaagctaa 420
atttataatg aacagattga agaaaaataa agagctacag aaagttcagg atatcaaaga 480
agtcaagcaa aacatccatc ttatccgagc cctctctgca ggcaaaggga aacagttgga 540
agagaaaatg gtacagcagt tacaagagga tgtggacatg gaagatgctc cttaaaaatc 600
tctgtaaoca tttcttttat gtacatttga aaatgccctt tggatacttg gaactgctaa 660
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gcattgccat ctacataata tcagatatta cggatgttag attgcatctc agtggttaaat 780
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aactaatggc aaaaattcat ggctagtgat gtataaaata aaatattctt tgcagtaaaa 960
tattcccttt gttaatgtta tagaaggggg gatacaaaaa ggaactaaca atttgatagg 1020
```

```
cagtgtcaga tatttttatt ttagtatttc ctgttttggg ttatttgcac cttagaagag 1080
cataatgaca ttgtttgatg aagcctaatt atgctggact gttttgacct ggtttaaccc 1140
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aacagacttt acttttctag ccagcattg atctagaagc agaggaatcc cagcgccttt 1320
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ggtacctcgg ccgcgaccac gctaagccga att 1413
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<210> 407

<211> 1693

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1548)

<223> n equals a,t,g, or c

<400> 407

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gagctccgcc cggaggtact gtgaggcgtg tagagctggc ggtggatgac ttccgcattc 480
aaacactgga gccatcacac ggaagcacga ggagggtatc ctccggcagct actcccggtc 540
gctcaagggt tctctcgttc gccctctagg tgccgggagga gctcgaggcc caactaagct 600
gcttccggga gctgctgggc aggcycaccac gcacgcggac gggcaccagc actgcacgtr 660
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ttccctgggt aggacactgc caccctctgg ctcaggctct catgcctcca aatggcatct 1500
agagtttgag cagccttctt ggctgcaggc aggcctagcc tgtggcancg ggctagggcc 1560
cgcagagcat ttggtgcccc tccatgttgc aatgcaaaca ccttcaccac tggggcagtg 1620
gggagagatg gctatattaa taaaataacg tgtgtctttc aaaaaaaaa aaaaaaaaaa 1680
tcgagacagt tct 1693
```

<210> 408

<211> 1342

<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (107)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1332)
<223> n equals a,t,g, or c

<400> 408
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ggacaggagc tttgccaaca tggctgaacc cttcaagggtg tggacggaga atgcagacgg 180
gtcaggcgct gtgaacttcc tgacaggcat ggggggcttc ctgcaggcgg tggctctcgg 240
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ctstttttcc gaggaactccg tgaccgtgga ggccacagct cgagcagggc cctgggctcc 360
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cctctgggtc accctgggtt cctccagccc caccgagtc ctcactgttg accctgcctc 600
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gcacccccc ctcctgggca ccctcctagc ctgccatccc tcacctgcag ccaggctctc 720
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cggccggccc ctctgtgtag aaggcagaga ggcaggctca ggcctcagcg tggacagcag 1020
ggataagggg cacgaaggac ggggactcgg ccccttcaga attcctcagg actctcaggt 1080
gcagctttgc caaaaaggaa cttttcatgt catgcagttg aggggactta gtctcaatcc 1140
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tcagcagttt cccaagaaca agatgtgatg gcatctgctg ctgaaaccct gatgaggacc 1260
aggccccctg caccgctgtc agcctgagga attaaagctt tgggtgctggg aaaaaaaaaa 1320
aaaaaaaaa anaaaaaac ca 1342

<210> 409
<211> 2417
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (107)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (680)

<223> n equals a,t,g, or c

<400> 409

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agcctggccc tttaggccag cccagtccac gggctctgag tgtggangct gcgtagcacc 120
aggaagcggc tctgctgagg ttcaaggggc cccagcacag tgtggcatcc gttcagcttt 180
tggttggtcc aggatggtgg ggagccaggc ctgggggcct cggagcaacc acccgagcag 240
acggagtaca cggagcagcg gccccggccc cgccaacgct gccgccggga tgctccagac 300
cttgatgat tacttctggt gggaacgtct gtggtgcct gtgaacttga cctgggccga 360
tctagaagac cgagatggac gtgtctacgc caaagcctca gatctctata tcacgctgcc 420
cctggccttg ctcttctca tcgttcgata cttctttgag ctgtacgtgg ctacaccact 480
ggctgccctc ttgaacataa aggagaaaac tcggctgcgg gcacctccca acgccacctt 540
gggaacattt ctacctgacc agtggaagc agcccaagca ggtggaagta garcttttgt 600
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aggaccggcc cagtctcctn caagaagtcc cgagaagcca gctggagatt cacattttac 720
ctgattgcct tcattgccgg catggccgtc attgtggata aaccctggtt ctatgacatg 780
aagaaagttt gggagggata tcccatacag agcactatcc ctcccagta ttggtactac 840
atgattgaac tttcttctca ctggtccctg ctcttcagca ttgcctctga tgtcaagcga 900
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tggtttgcca attacatccg agctgggact ctaatcatgg ctctgcatga ctcttccgat 1020
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aagtcacatc ttctactgct tttgaggccc tccctcagct ctctgtgggt aggggttaca 1740
attcacattc ctattctga gaatttgccc ccagctgttt gcccttgact ccctgacctc 1800
cagagccagg gttgtgcctt attgtcccat ctgtgggcct cattctgcca aagctggacc 1860
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cttctttcag ctgtccctgt agcgacaggt ctaagatctg actgcctcct cctttctctg 2100
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tttttttaaa attaaaagat taaataaaaa atattaaata aaacatggca ataagtgtca 2340
gactattagg aattgagaag ggggatcaac taaataaacg aagagagtct ttcttaaaaa 2400
aaaaaaaaa aaaaaaa 2417
```

<210> 410

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1394)

<223> n equals a,t,g, or c

<400> 410

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aaccaacaaa tgtgccagcc aggcaggtat gacagcttac gggactagga ggcattctta 120
tgatcccaaa atgcaaaactg acaaaccctt tgaccagacc acaattagtc tgcagatggg 180
cactaataaa ggagccagcc aggcagggat gttagcacca ggtaccagaa gagacatcta 240
tgatcagaag ctaacattac agccggtgga caactcgaca atttccctac agatgggtac 300
caacaaagtt gcttcccaga aaggaatgag tgtgtatggg cttgggcggc aagtatatga 360
tcccaaatac tgtgtgctc ctacagaacc tgcattcac aacggaagcc aaggaacagg 420
aacaatggt tcggaaatca gtgatatga ttatcaggca gaataccctg atgagtatca 480
tggcgagtac caggatgact accccagaga ttaccaatat agcgaccaag gcattgatta 540
ttaagatcac acagaaggag ctgagtattt agtctttgt ttttattcag tgagaaccaa 600
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taagaaaaat tgccttacgt acattcctt ttccttttcc tgctcttcc ctcaatagtt 720
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ttatatgtgt actcattctc ttacctagcg aacaagatct tttcagagtg gtgtttctaa 1140
aagagcatgt acaaaagtgg cctgtggaca tttaggcctg ggtgatgcat ttgctcttcc 1200
tgtttgtgcc aatgtatcaa tgtagagtg ctctgttttc ttcaactgta tttattgtcg 1260
catttctcag cataaactta tccattgta tttttataa ataaatatt ttttggaact 1320
ttmaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1380
aaaaaaaaaa gggnggccgt t 1401
```

<210> 411

<211> 3016

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (399)

<223> n equals a,t,g, or c

<400> 411

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ccggggctgg tgattggagg aaaccccggtg tctgcggacg gctgtagcct gtgagcagcg 120
agatccaggg acagagtctc agcctcgccg ctgctgccgc cgccgcccgc cagagactgc 180
tgagcccgct cgtccgccgc caccaccac tccggacaca gaacatccag tcatggataa 240
aatgagctg gttcagaagg ccaaactggc cgagcaggct gagcgatatg atgacatggc 300
agcctgcatg aagtctgtaa ctgagcaagg agctgaatta tccaatgagg agaggaatct 360
tctctcagtt gcttataaaa atgtgttagg agcccgtag tcatcttgga gggctgctc 420
aagtattgaa caaaagacgg aagtgctga gaaaaacag cagatggctc gagaatacag 480
agagaaaatt gagacggagc taagagatat ctgcaatgat gtactgtctc ttttggaata 540
gttcttgatc cccaatgctt cacaagcaga gagcaaagtc ttctatttga aaatgaaagg 600
```



```
agattactac cgttacttgg ctgagggtgc cgctggtgat gacaagaaa ggattgtcga 660
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acatccctatc agactgggtc tggcccttaa cttctctgtg ttctattatg agattctgaa 780
ctccccagag aaagcctgct ctcttgcaaa gacagctttt gatgaagcca ttgctgaact 840
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aataaataca gttgaagaaa acagagcaac tctacattga tacattggca caaacaggaa 2400
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ctctcgtgcc gaattc 3016
```

<210> 412

<211> 958

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (930)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (934)

<223> n equals a,t,g, or c

<400> 412

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caaccctagt cccccgcgcg gcccttattt cgctccgaca agatgaaaga aacaatcatg 120
aaccaggaaa aactcgccaa actgcaggca caagtgcgca ttggtgggaa aggaactgct 180
cgcagaaaaga agaaggtggt tcatagaaca gccacagcag atgacaaaaa acttcagttc 240
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ttaaaccagc ttggtgcgga tagtctgact agtttaagga gactggccga agctctgccc 480
aaacaatctg tggatggaag agcaccactt gctactggag aggatgatga tgatgaagtt 540
ccagatcttg tggagaattt tgatgaggct tccaagaatg aggcacaaactg aattgagtca 600
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ttttaagaaa tttttgttta tggatctgat aaaatctaga tctctaatat ttttaagccc 720
aagccccctg gacactgcag ctcttttcag tttttgctta tacacaattc attctttgca 780
gctaattaag ccgaagaagc ctgggaatca agtttgaaac aaagattaat aaagttcttt 840
gcctagttaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 900
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggnggcgtt tttaaaggaa ccaggttt 958
```

<210> 413

<211> 500

<212> DNA

<213> Homo sapiens

<400> 413

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cgattgaaca ggagaagcaa gcaggcgaat cgtaatgagg cgtgcgccgc caatatgcac 60
tgtacattcc acaagcattg ccttcttatt ttacttcttt tagctgttta actttgtaag 120
atgcaaaagag gttggatcaa gtttaaatga ctgtgctgcc cttttcacat caaagaacta 180
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gaaagaactt gcattgttgt gaaggaagaa gtgggtgga agaagtgggg tgggacgaca 300
gtgaaatcta gagtaaaacc aagctggccc aaggtgtcct gcaggctgta atgcagttta 360
atcagagtgc catTTTTTTT tttgttcaaa tgattttaat tattggaatg cacaattttt 420
ttaatatgca aataaaaagt ttaaaaactt aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 480
gcggccgctc gaattaagcc 500
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<210> 414

<211> 3397

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1)

<223> n equals a,t,g, or c

<220>

<221> misc feature
<222> (15)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (24)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (3081)
<223> n equals a,t,g, or c

<400> 414
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<210> 415

<211> 2880

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (5)

<223> n equals a,t,g, or c

<400> 415

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<210> 416

<211> 1616

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (12)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1610)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1611)

<223> n equals a,t,g, or c

350

<220>

<221> misc feature

<222> (1616)

<223> n equals a,t,g, or c

<400> 416

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<210> 417

<211> 1815

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (270)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1184)

<223> n equals a,t,g, or c

<400> 417

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1815

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<210> 418

<211> 1966

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (15)

<223> n equals a,t,g, or c

<400> 418

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<210> 419

<211> 2852

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2838)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2843)

<223> n equals a,t,g, or c

<400> 419

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<210> 420

<211> 2705

<212> DNA

<213> Homo sapiens

<400> 420

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<210> 421

<211> 1901

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1828)

<223> n equals a,t,g, or c

<400> 421

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<210> 422

<211> 2477

<212> DNA

<213> Homo sapiens

<400> 422

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<210> 423

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (759)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (764)

<223> n equals a,t,g, or c

<400> 423

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<210> 424

<211> 1649

<212> DNA

<213> Homo sapiens

<400> 424

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<210> 425

<211> 1608

<212> DNA

<213> Homo sapiens

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<222> (1598)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1600)
<223> n equals a,t,g, or c

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<210> 426
<211> 1794
<212> DNA
<213> Homo sapiens

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<222> (1789)
<223> n equals a,t,g, or c

<220>
<221> misc feature

<222> (1790)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (1793)

<223> n equals a,t,g, or c

<400> 426

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<211> 770

<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>

<221> misc feature
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<223> n equals a,t,g, or c

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<221> misc feature
<222> (97)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (618)
<223> n equals a,t,g, or c

<400> 427
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taaaaaatag aaattatctc actacttaaa tcccattttt ttcacttcat atgaaagaac 180
atattgatag tatattctat attatttcat agatctgtct gaaagagatt gggaacaaaa 240
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<211> 512
<212> DNA
<213> Homo sapiens

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<220>
<221> misc feature
<222> (30)
<223> n equals a,t,g, or c

<220>
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<222> (38)
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<220>
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<222> (484)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (491)

<223> n equals a,t,g, or c

<400> 428

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ccatgaaggg ggtcagtcct acaagattgg tgacacctgg aggagaccac atgagactgg 240
tggttacatg ttagagtgtg tgtgtcttgg taatggaaaa ggagaatgga cctgcaagcc 300
catagctgag aagtgttttg atcatgctgc tgggacttcc tatgtggtcg gagaaacgtg 360
ggagaagccc taccaaggct ggatgatggt agattgtact tgcctgggag aargcagcgg 420
acgcatcact tgcacttcta gaaatagatg caacgwtcag gacacaagga catctataga 480
attngagaca ncttgagcaa gaaggataat cg 512
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<210> 429

<211> 1470

<212> DNA

<213> Homo sapiens

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<222> (1346)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1347)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1357)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1387)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (1415)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1454)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1462)

<223> n equals a,t,g, or c

<400> 429

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<210> 430

<211> 434

<212> DNA

<213> Homo sapiens

<400> 430

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gaatccccag cccggaagct ctcccagtc ttcgcccttc ctgttacggg aggcactgtt 180
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gcgtctgggt tcctgggtga acctcatctg caaktccggg tccactsatcg agcctcacta 360
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<210> 431

<211> 1823
<212> DNA
<213> Homo sapiens

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<220>
<221> misc feature
<222> (1805)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1815)
<223> n equals a,t,g, or c

<400> 431
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<210> 432
<211> 3391
<212> DNA
<213> Homo sapiens

<220>
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<222> (1)
<223> n equals a,t,g, or c

<220>
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<222> (33)
<223> n equals a,t,g, or c

<220>
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<222> (68)
<223> n equals a,t,g, or c

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<223> n equals a,t,g, or c

<220>
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<222> (114)
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<220>
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<223> n equals a,t,g, or c

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<222> (3391)
<223> n equals a,t,g, or c

<400> 432
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<210> 433

<211> 2553

<212> DNA

<213> Homo sapiens

<220>

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<222> (2510)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2516)

<223> n equals a,t,g, or c

<400> 433

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<210> 434

<211> 2532

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2470)

<223> n equals a,t,g, or c

<400> 434

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<210> 435

<211> 1822

<212> DNA

<213> Homo sapiens

<400> 435

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cagcggagcc tggctgctgg ccgggcccgc ctctgcctcc gcctcctct gctgctgggt 240
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aagccagccc gaadacacca ctgcagcatc tgcaacaggt gtgtgctgaa gatggatcac 720
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tttggggggg ggggccccgt ta 1822

<210> 436

<211> 1030

<212> DNA

<213> Homo sapiens

<400> 436

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cagatcaaga cagcacgtac caccatggca ggcctgacca tggaggaact tatccagttg 180
gttgctgcac gactggcaga acatgagcgg gtggcagcaa gtaactagcc acttggtcgc 240
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gcccagttt catatcctgg aaggcttca catgctccag ccacctgtaa gctatgtcta 360
atgtgccaga aactcgtcca gccagtgag ctgcatccaa tggcgtgtac ccatgtattg 420
cacaaggagt gtatcaaatt ctgggcccag accaacacaa atgacacttg tcccttttgt 480
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gaagcgcggg ttcaagattt ctaaaactct atatttatac agtgacatat actcatgcca 600
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atgaaactat gtatattatg cagaaacagt ctgttcccc tcactcttgca attccttttg 720
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ttaaagcctg gtgtcacc cactctactc caaatggata aaatgagact ctgattgagg 960
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<210> 437

<211> 1632

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (14)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1602)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1616)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1617)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1628)

<223> n equals a,t,g, or c

<400> 437

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<210> 438

<211> 1016

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (27)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (993)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (994)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (995)

<223> n equals a,t,g, or c

<400> 438

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ttccccagc caaactgtct ttgtcaccac gtgggggtca cttttcatcc ttccccaact 180
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<210> 439

<211> 594

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (476)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (519)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (530)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (531)

<223> n equals a,t,g, or c

<220>

<221> misc feature
<222> (539)
<223> n equals a,t,g, or c

<400> 439
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aaggaaaaac aggtcttcat cgaatctact aattccacac cttttaaaaa ttttnggga 480
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aaaaaaaaatt tcccccccc ccccaaaaaa aaaaaaaat ttttttttt tttt 594

<210> 440
<211> 1580
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (873)
<223> n equals a,t,g, or c

<400> 440
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<210> 441
<211> 1082
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (136)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (462)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (465)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1074)
<223> n equals a,t,g, or c

<400> 441
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<210> 442

<211> 1241

<212> DNA

<213> Homo sapiens

<400> 442

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<210> 443

<211> 968

<212> DNA

<213> Homo sapiens

<400> 443

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acaagtctct gaataatagc acaatttcaa agaagagact ctttgcaaag ttgataacat 240
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<210> 444
<211> 1360
<212> DNA
<213> Homo sapiens

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<221> misc feature
<222> (114)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (302)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (330)
<223> n equals a,t,g, or c

<400> 444
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<210> 445
<211> 1835
<212> DNA
<213> Homo sapiens

<220>

<221> misc feature
<222> (326)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1229)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1738)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1747)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1758)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1801)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1806)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1831)
<223> n equals a,t,g, or c

<400> 445
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<210> 446

<211> 1355

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (55)

<223> n equals a,t,g, or c

<400> 446

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gaawaaaaaa aaaaaaaaaa amawaaaaaa aaaaa 1355

<210> 447

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (153)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (313)

<223> n equals a,t,g, or c

<400> 447

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gtctggaggt gagctaattg atgagtgaat atnagcagtg ggtgttcctc atctctttga 180
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tcctgtgctt tgnctcctgg gtgatttctc ttcaagtcag ttgtgggagg tgcctaggaa 360
caacgctaac acggg 375

<210> 448

<211> 1393

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1360)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1383)

<223> n equals a,t,g, or c

<400> 448

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ggcggctggc cttcatccct tgggcaagca ttgcatacag ctcattggccc tccctctacc 240
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gaggaagctg agcagacccc tgtgatgcct gtgacctcaa ttaaagcaat tcctttgacc 1320
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aanaaaaaaa aaa 1393

<210> 449

<211> 1663

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (57)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (180)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (621)

<223> n equals a,t,g, or c

<400> 449

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gccagcaaa cctcagagg ccacctcaga ccggtcagag ggcagcagcc gggacgcagn 180
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ccaatttttc taacttggtg ctcatctgtt gtaactcaat aaagcaaaga ctaaacattt 1620
ttataaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaa 1663

<210> 450

<211> 1380

<212> DNA

<213> Homo sapiens

<400> 450

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cttctagacg acaaaatgca aaaaaggagg ccaaagactt ttggaatgga tatgaaagca 180
tacctgagat ctatgatccc acatctggaa tctggaatga aatcttccaa gtccaaggat 240
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caaactggct aaaatgtctt tggaagtctt ctaaagtctg aattcagtga ggagaatatt 360
gagttctggc tggcttgatg agactataag aaaacagagt ctgatctttt gccctgtaaa 420
gcagaagaga tatataaagc atttgtgcat tcagatgctg ctaaacaaaat caatattgac 480
ttccgcactc gagaatctac agccaagaag attaaagcac caacccccac gtgttttgat 540
gaagcacaaa aagtcataata tactcttatg gaaaaggact cttatcccag gttcctcaaa 600
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cctggctgaa gggaattaac agatagtatc aagcgcagaa ggaatgtgcc agtatggctc 720
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<210> 451

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (687)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (865)

<223> n equals a,t,g, or c

<400> 451

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aaagaatgag actggttaata acaacaacaa agatggatct aatcataaag ctgaaagtgg 120
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acagctcagt gcaggtagca ctgatccagg taaaaaattt tcaggaagac ccatgtgtac 540
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<210> 452

<211> 1642

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (147)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (150)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1608)

<223> n equals a,t,g, or c

<400> 452

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aaaaaaaaaa aaaaaaaaaa aa 1642

<210> 453

<211> 2254

<212> DNA

<213> Homo sapiens

<400> 453

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ccaggagcag aatttttctg accgcttccct ccctgaatga cgaggctgcc caagctctgg 180
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gagtttgatt ataaaaaaaa aaaaaaaaaa aaaa 2254

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<210> 454

<211> 1931

<212> DNA

<213> Homo sapiens

<400> 454

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cggatgctgc tggccctgaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1920
aaaaaaaaaa a                                     1931
```

<210> 455

<211> 771

<212> DNA

<213> Homo sapiens

<400> 455

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ctccacacaa gtactacttc ctggtgggct acagtgaaac ttgtctgtcc tacttttaca 480
aatgtcctgt ggcactccac ctccaaactg tgccctcaaa ggttgtgtat aagtacctct 540
agaacaatcc ctttttttcc atcaagctgt agcctgcaga gaatggaaac gtgggaaagg 600
aatggtatgt gggggaaatg catccctca gaggactgag gcatagtctc tcatctgcta 660
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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaagggggg g 771
```

<210> 456

<211> 1169

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1164)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1167)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1169)

<223> n equals a,t,g, or c

<400> 456

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gtgaacgttt cctagaggac ctggtagcta aggcagtgcc agaaaaatta caaccactgc 360
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ttgtgtgata cgcaaacctat tagtttwccc agtgatgatt taataaaatt atgaaaaatc 1080
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aaaaaaaaaa aaaaaaaaaa aaanaanan 1169
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<210> 457

<211> 3249

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3234)

<223> n equals a,t,g, or c

<400> 457

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aactggacca aattagacag agagaatcag atatcaccaa ggagagaatt cagaagatcc 1020
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<210> 458

<211> 1916

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1895)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1902)

<223> n equals a,t,g, or c

<400> 458

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<210> 459

<211> 2773

<212> DNA

<213> Homo sapiens

<400> 459

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<210> 460

<211> 2031

<212> DNA

<213> Homo sapiens

<400> 460

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tgtggcattt gggcgctgtt tggcagtgat gattgccttt ctgttcagtg tctgagtgtc 240
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<210> 461

<211> 1839

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1496)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1832)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1839)

<223> n equals a,t,g, or c

<400> 461

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gcccaggccg agcacgatgc cccctaaaaa gggaggtgat ggaattaaac caccaccaat 180
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<210> 462

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (26)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (731)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (737)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (759)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (762)
<223> n equals a,t,g, or c

<400> 462
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<210> 463
<211> 1717
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (5)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (27)
<223> n equals a,t,g, or c

<400> 463
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atcttggtts tttcgtgaga gatctcgcca tggcagcatc ttgttaagta agtgtaattg 540

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cgtggattcc atttgacca gtttactatc agttcagttc aggtagattt ggttcaactt 720
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<210> 464

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (787)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (819)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (827)

<223> n equals a,t,g, or c

<400> 464

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gaagccgaag aagcctgtct gtgggggtgt tcgcagcgct ctggcacctg gcgtccgagc 240
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gaatcagggtg ttgcagcgct ccatcatcga ccagtgaagc gaggccgtgc ttgctatctg 720
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<210> 465

<211> 1173

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (137)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1166)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1168)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1171)

<223> n equals a,t,g, or c

<400> 465

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1173

<210> 466

<211> 521

<212> DNA

<213> Homo sapiens

<400> 466

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tgctggacat gtcctacgag cagctgatgc agctgtacag tgcgcgccag gcggcggctg 180
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<210> 467

<211> 1428

<212> DNA

<213> Homo sapiens

<400> 467

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<210> 468

<211> 3463

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1187)

<223> n equals a,t,g, or c

<400> 468

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<210> 469

<211> 621

<212> DNA

<213> Homo sapiens

<400> 469

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aaaaaaaaaa aaaaaaaaaa a 621
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<210> 470

<211> 1833

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (126)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (386)

<223> n equals a,t,g, or c

<220>

<221> misc feature
<222> (524)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1798)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1812)
<223> n equals a,t,g, or c

<400> 470
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<210> 471
<211> 3202
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (4)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (3160)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (3180)
<223> n equals a,t,g, or c

<400> 471
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<210> 472

<211> 941

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (927)

<223> n equals a,t,g, or c

<400> 472

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<210> 473

<211> 1279

<212> DNA
<213> Homo sapiens

<220>
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<222> (1144)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1273)
<223> n equals a,t,g, or c

<400> 473
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<210> 474
<211> 3209
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (427)
<223> n equals a,t,g, or c

<400> 474
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<211> 833
<212> DNA
<213> Homo sapiens

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<221> misc feature
<222> (9)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (15)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (29)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (58)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (73)
<223> n equals a,t,g, or c

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<210> 476
<211> 1141
<212> DNA
<213> Homo sapiens

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 <222> (11)
 <223> n equals a,t,g, or c

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 <211> 1102
 <212> DNA
 <213> Homo sapiens

<400> 477
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<210> 478

<211> 4201

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (4077)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (4161)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (4186)

<223> n equals a,t,g, or c

<400> 478

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<210> 479

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (780)

<223> n equals a,t,g, or c

<400> 479

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gtctcccatc cctttgcttg tggcaggaga tggcttaaat aaataactta aayttaaaaa 720
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaactn 780
ggggccg                                           787
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<210> 480

<211> 731

<212> DNA

<213> Homo sapiens

<400> 480

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aaaaaaaaaa a                                           731
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<210> 481

<211> 1119

<212> DNA

<213> Homo sapiens

<400> 481

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<210> 482

<211> 2056

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (137)

<223> n equals a,t,g, or c

<400> 482

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```

<210> 483

<211> 887

<212> DNA

<213> Homo sapiens

<400> 483

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tcgtcacatt gaccatttgg gaaaaagtgt gctttttttt tttttttaa tttgttcagg 720
gggagggggt ttgtaacctg aaatttttcc ctttttcttc tgtttaaact atatcaaatc 780
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tttttgatgt aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aataaaa 887
```

<210> 484

<211> 1878

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1446)

<223> n equals a,t,g, or c

<400> 484

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```


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aaaaaaaaa aaaaaaaa 1878

<210> 485

<211> 1566

<212> DNA

<213> Homo sapiens

<400> 485

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<210> 486

<211> 3046

<212> DNA

<213> Homo sapiens

<400> 486

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ttacacttaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaa 3046

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<210> 487

<211> 1904

<212> DNA

<213> Homo sapiens

<400> 487

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaa 1904

<210> 488

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (5)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (826)

<223> n equals a,t,g, or c

<400> 488

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaa 827

<210> 489

<211> 1926

<212> DNA

<213> Homo sapiens

<400> 489

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<211> 1461

<212> DNA

<213> Homo sapiens

<220>

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<222> (1432)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1452)

<223> n equals a,t,g, or c

<400> 490

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<210> 491

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (20)

<223> n equals a,t,g, or c

<400> 491

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<210> 492

<211> 2269

<212> DNA

<213> Homo sapiens

<400> 492

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<210> 493

<211> 4108

<212> DNA

<213> Homo sapiens

<400> 493

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<210> 494

<211> 2209

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (352)

<223> n equals a,t,g, or c

<400> 494

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<210> 495

<211> 1677

<212> DNA

<213> Homo sapiens

<400> 495

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ttgtacaaaa aaaaccactc ttgaactttg agggtttctg ttctaggagt ggactagaag 1620
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<210> 496

<211> 1702

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1691)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1701)
<223> n equals a,t,g, or c

<400> 496
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cagaggctaa gacccatccc gtatctgctc tcctgaaata attctggagt catgcctgaa 180
atgccagagg acatggagca ggaggaagtt aacatcccta ataggagggt tctggttact 240
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gcagttggct gtggtttcag aagagcaaga ccaaaatttg aacaggttaa tctgttggat 360
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gcagagagaa gaccagatgt tgtagaaaat cagccagatg ctgcctctca acttaattgtg 480
gatgcttctg ggaatttagc aaaggaagca gctgctgttg gagcatttct catctacatt 540
agctcagatt atgtatttga tggaaacaaat ccaccttaca gagaggaaga cataccagct 600
cccctaaatt tgtatggcaa aacaaaatta gatggagaaa aggctgtcct ggagaacaat 660
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<210> 497
<211> 2376
<212> DNA
<213> Homo sapiens

<220>
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<222> (6)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2354)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2375)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2376)
<223> n equals a,t,g, or c

<400> 497
ggctcnaaca tccttttgcgt gtgacgagct acgggaagaa tctgtatttc acagactgga 60
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cccacaagca gacccggctg tatggcatca ccacggccct gtctcagtggt ccgcaagcca 180
taactactgc tcagtgaaca atggcggtcg caccaccta tgcttgcca cccagggag 240
caggacctgc cgttgccctg acaacacctt gggagttgac tgtatcgaac agaaatgaag 300
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tgagcccaaa caacttttcc ctcaactgttc cccaaaacat gcaccctgga cttctctaata 480
agaaaagtct cccccctac acaaggacag aaccctccac ccttaccctc aaccctcaga 540
cagacttata caccctgag tgaggattac atgcccacac cagtgtccta ggaccttttc 600
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caatttgctt agaaaacatc tcttgacct atcagtagct cgtgttatct ttttatcaac 1560
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2376

<210> 498

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (840)

<223> n equals a,t,g, or c

<400> 498

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gaagatggcg gtggagtcgc gcgttaccca ggaggaaatt aagaaggagc cagagaaacc 120
gatcgaccgc gagaagacat gccactgtt gctacgggtc ttcaccacca ataacggccg 180
ccaccaccga atggacgagt tctcccgggg aaatgtaccg tccagcgagt tgcagatcta 240
cacttggatg gatgcaacyt tgaaagaact gacaagctta gtaaaagaag tctaccaga 300
agctagaag aagggcactc acttcaattt tgcaatcgtt ttacagatg ttaaaagacc 360
tggctatcga gttaaggaga ttggcagcac catgtctggc agaaagggga ctgatgattc 420
catgaccctg cagtcgcaga agttccagat aggagattac ttggacatag caattacccc 480
tccaaatcgg gcaccacctc cttcaggcg catgagacca tattaattc tatttactat 540
ttgttgaatt tattttccg tcagttatgt aaaataaaca tactcttctt cctcccctga 600
ttattgccat taagccttta aattctaaac aaattataat gcacatccta ttaggagtt 660
agatttggat gtgctattgt atgattacga atagtctgta tgtttcaagc ctttctgtaa 720
aatatgaaga aaagtgtctt tagcattctg tgtaaaactg tactgttaaa tatatgtgtg 780
taatcaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 840
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<210> 499

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (452)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (455)

<223> n equals a,t,g, or c

<400> 499

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ggcacagctt ccctcctctt cctttctccg ccacgtgggt gtgttcttga ctccgtgct 60
cgccatgtct tctacaaga ctttcaggat taagcgattc ctggccaaga aacaaaagca 120
aaatcgtccc attccccagt ggattcggat gaaaactgga aataaaatca ggtacaactc 180
caaaaggaga cattggagaa gaaccaagct gggctctataa ggaattgcac atgagatggc 240
acacatattt atgctgtctg aaggtcacga tcatgttacc atatcaagct gaaaatgtca 300
ccactatctg gagatttcga cgtgttttcc tctctgaatc tgttatgaac acgttggttg 360
gctggattca gtaataaata tgtaaggcct ttcyttttta aaaaaaaaaa aaaaacyyrr 420
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ggggggggccc gggtcccaat cccccctatt tnaanccct t

461

<210> 500

<211> 2782

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2620)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2641)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2643)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2712)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2742)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2759)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2779)

<223> n equals a,t,g, or c

<400> 500

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aagaagttca agtacggtat tgaagagcat ggtaagggtga aaatgcgagg ggggttgctg 120
cgaacctaca tcatcagtat cctcttcaag tctatctttg aggtggcctt cttgctgac 180
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ttcaagggcg ttaaggatcg ggttaaggga aagagcgacc cttaccatgc gaccagtgg 420
gcgctgagcc ctgccaaaga ctgtgggtct caaaaatatg cttatttcaa tggctgctcc 480

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tcaccaaccg ctcccctctc gcctatgtct cctcctgggt acaagctggt tactggcgac 540
agaaacaatt ctctctgccg caattacaac aagcaagcaa gtgagcaaaa ctgggctaata 600
tacagtgcag aacaaaatcg aatggggcag gcgggaagca ccatctctaa ctcccatgca 660
cagccttttg atttccccga tgataaccag aattctaaaa aactagctgc tggacatgaa 720
ttacagccac tagccattgt ggaccagcga cttcaagca gagccagcag tcgtgccagc 780
agcagacctc ggccatgatga cctggagatc tagatacagg cttgaaagca tcaagattcc 840
actcaattgt ggagaagaaa aaagggtgctg tagaaagtgc accagggtgtt aattttgatc 900
cgggtggagggt ggtactcaac agccttattc atgaggctta gaaaacacaa agacattaga 960
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ngncatttgt ttaaagtcag aggattatct aaaagccagt tccccagtc atttgatat 2700
aattggtagt gngaatactt cttcaaggac tattacttgg gnggttggag aatttattnt 2760
ggaagaaggc aaatgcttng gg 2782
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<210> 501

<211> 1249

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (36)

<223> n equals a,t,g, or c

<400> 501

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agtttttgat cctggtgaac ccgcctgaga cgggtgctgtg aggggaaaag cttccgcacc 180
cacacaggaa ttctgctgag gtcccccttc cttccggcca atggcagaag tgggggaaaa 240
tttttagaag aaaagcaaac atgtgagacc aatcattatc aaatactttt attttttggt 300
tgagtattta tctttttatt ttttattttt ttttttgaaa gaatgtcttg gaatgcgcaa 360
gtctcccttt agagccgtct tttgcaggga gcgggaagtg acaagagctc agatctccct 420
cccgatctcc ctccccacct ccgaagtctc ctccgtggac cacagggtga tctttgtgcg 480
aacaacttgc atttcggaag cactgtccg tctttaaaca gaaagtcgaa ggagccacga 540
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gacgcaggga ctaggacggc ccggtgaccg cgcggattca ggattgcggg gacgcagaaa 780
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ttaaaattgt atcaactaga aataaaattg catgagtatt ttaaaaaaa 1249

<210> 502

<211> 1358

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1334)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1347)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1349)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1351)

<223> n equals a,t,g, or c

<400> 502

ccgcaccct agccaggccc caggagcct ccgctgggcc cagacagcag cgattyggtt 60
tatccacttt tctyggataa tcaggaggtg cccagtsgt cacagtgtg cattccgagt 120
tggggcgggt ggtcgggtca agatagcagc agcagggtgc agggctcaag acaccacccc 180

ctccagcttc tggggcccag gagcctctcc ctgctacagg ggggtgggggt cctgctcagc 240
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ccacatcctc ccctacatcc cagagatgcc accacttgtg tctccacaat gtgctcctgc 720
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gaggctggag ggcaggggag gatcactttg gagcccaggg agattggagg gctggcagtg 1260
gagccatgga tccggcggac actggcactt ccagcctggg ggtggacggg tggagacttt 1320
tgttctccaa aanaaaaaaa aaaaaancnt nggagggc 1358

<210> 503

<211> 501

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (457)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (492)

<223> n equals a,t,g, or c

<400> 503

gccacgcgt ccgacggctg cgagaagacg acagaagggg ctttctttct ttccgcgccg 60
atagcgctca cgcaagcatg gttaacgtcc ctaaaaccgg ccggactttc tgtaagaagt 120
gtggcaagca ccaaccccat aaagtgcac agtacaagaa gggcaaggat tctctgtacg 180
cccagggaaa gcggcggttat gacaggaagc agagtggcta tgggtgggcaa actaagccga 240
ttttccggaa aaaggctaaa actacaaaga agattgtgct aaggcttgag tgcgttgagc 300
ccaactgcag atctaagaga atgctggcta ttaaaagatg caagcatttt gaactgggag 360
gagataagaa gagaaagggc caagtgatcc agttctaagt gtcacttttt attatgaaga 420
caataaaatc ttgagtttat gttcaaaaaa aaaaaanggg gggggcccg taccawtcg 480
cctatagggg gncgtttaa a 501

<210> 504

<211> 2011

<212> DNA

<213> Homo sapiens

<220>
<221> misc feature
<222> (1941)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1961)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1974)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1976)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2002)
<223> n equals a,t,g, or c

<400> 504
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<210> 505

<211> 1989

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1917)

<223> n equals a,t,g, or c

<400> 505

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agggggcctt                                     1989
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<210> 506

<211> 1085

<212> DNA

<213> Homo sapiens

<400> 506

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aatttggaga agtttttgag atctcaggga aggattatgt tcaagaagtt accaaagctg 420
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<210> 507

<211> 1485

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (570)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1475)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1476)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1485)

<223> n equals a,t,g, or c

<400> 507

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<210> 508

<211> 1930

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (30)

<223> n equals a,t,g, or c

<400> 508

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acaaaatttg ttaggtcat tcatgaaaac ttaatacta aaagcacttt ccattatata 180
ctttttaaag gtctagataa ttttgaacca atttattatt gtgtactgag gagaataaat 240
gtatagtaga ggacagcctt ggtttgtaaa gtcagttcc actagtccat ggttttgtgc 300
aacttctgag cctcagtttt ctcttttgca aattaataat tacatacctt tatagatttt 360
gaaattaatt taaatattag tatttggtag atgaaggctt aatgttaagt ttctttaat 420
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<210> 509

<211> 1134

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (895)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1041)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1064)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1090)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1106)
<223> n equals a,t,g, or c

<400> 509
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<210> 510
<211> 1382
<212> DNA
<213> Homo sapiens

<400> 510
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<210> 511

<211> 1741

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1696)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1710)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (1715)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1717)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1720)

<223> n equals a,t,g, or c

<400> 511

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<210> 512

<211> 1530

<212> DNA

<213> Homo sapiens

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<222> (1342)

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<221> misc feature

<222> (1488)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1508)

<223> n equals a,t,g, or c

<400> 512

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<211> 2999

<212> DNA

<213> Homo sapiens

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<222> (243)

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<220>

<221> misc feature

<222> (2606)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2996)

<223> n equals a,t,g, or c

<400> 513

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<210> 514

<211> 2048

<212> DNA

<213> Homo sapiens

<400> 514

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<210> 515

<211> 3300

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (126)

<223> n equals a,t,g, or c

<400> 515

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<210> 516

<211> 3425

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (402)

<223> n equals a,t,g, or c

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ttaaactggc ttaacttagt atattattat taattacaat gtaatagaag cttaaaataa 3360
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ggggc 3425

<210> 517

<211> 1358

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1346)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1356)

<223> n equals a,t,g, or c

<400> 517

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tttacagcca atacaggttt aatcgatgtt caatatttgt ttaggaaatt taaggccttc 180
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gaaacctact cattaaattg ttaaaccttt taatgactat gtgaagatat gaattgtttc 300
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gaatctgctg cttgttggtt cagtgtttct tatgaacaag agccacagta cagagcttca 480
agttatttaa aactaagt catcttacgt ttccatttta ttaacgggat gttgcaatcg 540

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tttgtaaact aataaactta taaagtgatt ggcacaaaga ctcccttgagc aaaagctgtg 600
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aacaatggct ttacattga aagattaata gaaactctac atatgttaat ttttttatag 720
aacctgactc aaatcaagggt actctccatt ttattgcctt acctgaatca gtcctttttg 780
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taaaaaaaaa aaaaaaaaaa aaagnagga aagaanag 1358
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<210> 518

<211> 1368

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1225)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1311)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1333)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1335)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1347)

<223> n equals a,t,g, or c

<400> 518

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agggaggagg aggcgagaag atggcggacg accccagtgc tgccgacagg aacgtggaga 180
tctggaagat caagaagctc attaagagct tggaggcggc ccgcggcaat ggcaccagca 240
tgatatcatt gatcattcct cccaaagacc agatttcacg agtggcaaaa atgttagcgg 300
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```

atgagtttgg aactgcatct aacattaagt cacgagtaaa ccgcctttca gtcctgggag 360
ccattacatc tgtacaacaa agactcaaac tttataacaa agtacctcca aatggtcttg 420
ttgtatactg tggaacaatt gtaacagaag aaggaaagga aaagaaagtc aacattgact 480
ttgaaccttt caaaccaatt aatacgtcat tgtattttgt tgacaacaaa ttccatacag 540
aggctcttac agcactactt tcagatgata gcaagtttgg attcattgta atagatggta 600
gtggtgcact ttttggcaca ctccaaggaa acacaagaga agtcctgcac aaattcactg 660
tggtatctccc aaagaaacac ggtagaggag gtcagtcagc cttgcgtttt gcccgtttaa 720
gaatggaaaa gcgacataac tatgttcgga aagtagcaga gactgctgtg cagctgttta 780
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aatctcattt cacagacaaa gaganccgga caggaaccat gascttatcg agagcatgsc 1260
cctktttggg awggkttgst aacaactwta aaaaattggg acttccttgg naaattggcc 1320
caattaattc ccnanaaagg ggtcaanttt ggaaaagaat tgggggaa 1368

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<210> 519

<211> 933

<212> DNA

<213> Homo sapiens

<400> 519

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ctctactgga aaagaaacag taaatgccac cttcccggtg gctatagtaa tgctgcgggc 120
cattagagat ttcttctgga aaactggaaa caagataggg tttaaaccag caggaggcat 180
ccgcagtgca aaggattccc ttgcttggtc ctctcttgta aaggaggagc ttggagatga 240
gtggctgaag ccagaactct ttcgaaatag tgccagtagt ctgctctcgg acattgagag 300
gcagatttac catcatgtga ctggaagata tgcagcttat catgatcttc caatgtctta 360
aatcagtcac cagttccaga aaagtctctt acgacaatgt ttaaaaaatta ttttctacg 420
taattgctaa aattatttaa ttaaaaaatt gggcagtagg taactggcat tcctctcttt 480
aaaatttcta ccgaacttaa tggaatggaa aaagcaaaact catccacatg tggtagtcat 540
ttcaggcaca tctgaaatga tcttaattac tagaagatct gcactattaa ctttgtgaag 600
agtttctcct aaaaacttta agtaaaatgt taatggtagc ttgataaca tcaaattcta 660
agggagaaaa aaacaatatt aaaccgcccc agcagtgtag cctagcagag gaaaatgcaa 720
catctcgcaa gcgctgctgt aacgacttca ggagtcactg attcagcact aatttcctgc 780
tgtgaaaact catctttcat ttttgcggtg gataggcgct tttattaatt gttgtcctaa 840
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<210> 520

<211> 1430

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (104)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (105)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1428)
<223> n equals a,t,g, or c

<400> 520
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tcacgcagga tagtaattat ttgttaaccg ggggacagga taaactgtta cgcataatag 180
acttgaacaa acctgaagca gaacctaaagg aaattagtgg tcatacttct ggtataaaaa 240
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cattgagact atggcaaaact gtggtaggaa aaacgtatgg cctttggaaa tgtgtgcttc 720
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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1430

<210> 521
<211> 1169
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1159)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1166)
<223> n equals a,t,g, or c

<400> 521

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gccccacgcgt cgcgccacgm gyccgcgtgg agttgtgaac gccgcggact ccggagccgc 60
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gagggggcct tggtgaccgt ggtggtcgtg gaggcgagg gggctttggc gggggccgag 180
gtcagggcgg aggcctttaga ggtcgtggac gaggaggagg tggaggcggc ggcggcgggtg 240
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aatcagttta tggagagaag agagtctcga ttccggaagg agatgacaaa attgagtacc 480
gagcctggaa ccccttccgc tccaagctag cagcagcaat cctgggtggt gtggaccaga 540
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cccatgtctc tgacatcgtt ggtccggatg gtctagtcta tgcagtcgag ttctcccacc 660
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gtaatggagg acactttgtg atttccatta aggccaaactg cattgactcc acagcctcag 900
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caccocccaa ggtgaagaac tgaagttcag cgctgtcagg attgcgagag atgtgtgttg 1080
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arggggggcc gctaggggnt ccaagntta 1169
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<210> 522

<211> 2162

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (169)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2133)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2136)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2139)

<223> n equals a,t,g, or c

<400> 522

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cgccacagc cgcccgacgg cgccagaga gcgcgcgcc cgagccccg cgctagccc 120
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gccgggcatg gggcgcgcg cagccgctga agccccggcc tggccccgnc gcacccggcc 180
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gggagggccc agagcaggac tggaaatgtc ctggcccgcg cgcctcctgc tcagatacct 300
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ccatcacatg ctcaaacatc tccacaatgg tgcaaggatc acagtgcaga tgccacctac 480
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aaggtcctac agattctacc acaataacac cttcaaggcc taccaatatt attatggcag 600
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gattttkcttt accaaaagaa aagacattta ttcttttgat gcacttgaat gccagagAAC 1920
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<210> 523

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (443)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (758)

<223> n equals a,t,g, or c

<400> 523

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cgtttttctg taaccagcag accttatcta tactcccaat tccaattcct tgtaaacata 120
ctttgtaaaag tcctgtaaga tcctgtctcc ttgccaatga cgctgcaagg tcataaagta 180
gataaaacct aagttgcaat tccggttttc ctcaagatct aagacatgtt acaaattggtt 240
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gagtttaaaa ggcaatccta taatctaact ctggctaccc attctggacc cctccatgc 360
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aagaacctca ggtgttacat cttggcgagc cagacaggag actccagaaa aggatcaaag 540
ccatcaagct acaaatratc ttacaaatgg aacctcaaat gagctcagct cacggcttct 600
accgaggacc cctggwtcaa cccgctgggc cctcaattac cctagaaaat tcccctctgg 660
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gaggtgccc aattgggttt                                     799
```

<210> 524

<211> 1722

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (13)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (36)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (40)

<223> n equals a,t,g, or c

<400> 524

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yacagatggg accatgaact ccggacacag ottcagccag accccctcgg cctccttcca 180
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caacatgaag ctggaaagcc gcacccctgaa atggcaccag cagagagatc ctggcagtaa 480
gaaagattat tcccagtatg aggaaaacat cacacacctg caggagcaga tagtggatgg 540
taagatgacc aatgctcaga ttattcttct cattgacaat gccaggatgg cagtggatga 600
yttcaacctc aagtwtgaaa atgaacactc ctttaaaaaa gacttggaag ttgaagtcsa 660
gggcctccga aggaccttag acaacctgac cattgtcaca acagacctag aacaggaggt 720
ggaaggaatg aggaagagc tcattctcat gaagaagcac catgagcagg aaatggagaa 780
gcacatgtgt ccaagtgact tcaatgtcaa tgtgaaggtg gatacaggtc ccagggaaga 840
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tccagccact gtgcagagca gacaagggtga catccacgaa ctgaagcgca cattccaggc 1020
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<210> 525

<211> 562

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (515)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (526)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (557)

<223> n equals a,t,g, or c

<400> 525

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tccaggaaga agcggttgga gttgatgac aacttagata ccgagcgtcc cgtccagaaa 420
cgagctcgaa gtggggccca gccagactg ccccccctgcc tgttggccct gagccacct 480
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ctkgaagccc gaagaanggc gg 562
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<210> 526

<211> 2023

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (12)

<223> n equals a,t,g, or c

<400> 526

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tggagaaatt atttcaaggt cagctgggat taaggacgag ttgcttggaa tgtgaaagtt 180
taacagaaag aagagaagat tttcaagaca tcagtgtgcc agtacaagaa gatgagcttt 240
ccaaagtaga ggagagttct gaaatttctc cagagccaaa aacagaaatg aagaccctga 300
gatgggcaat ttcacaattt gcttcagtag aaaggattgt aggagaagat aaatatttct 360
gtgaaaactg ccatcattat actgaagctg aacgaagtct tttgtttgac aaaatgcctg 420
aagttataac tattcatttg aagtgccttg ctgctagtgg tttggagttt gattgttatg 480
gtggtggact ttccaagatc aacactcctt tattgacacc tottaaatg tcactagaag 540
aatggagcac aaagccaact aacgacagct atggattatt tgcggttgtg atgcatagtg 600
gcattacaat tagtagtggg cattacactg ctctgttaa agtcactgac cttacagtt 660
tagaactaga taaaggaaat tttgtggtg accaaatgtg tgaaataggg aagccagaac 720
cattgaatga ggaggaagca aggggtgtgg ttgagaatta taatgatgaa gaagtgtcaa 780
ttagagtggg tggaaataca cagccaagta aagttttgaa caaaaaaat gtagaagcta 840
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cattttcctc agtagagact agtgatgcat tagcttctgg gaacaaactt gtatcgggtc 1440
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cacgatctgt atatagtaca tcaaaacttag aggtgtgacc ttaaaattta ctttttttaa 1920
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tacttgatata tttttataaa tacagctgag ttttcttaa gcg 2023
```

<210> 527

<211> 2847

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (286)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (290)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2842)

<223> n equals a,t,g, or c

<400> 527

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tgtaaatggt cttttaatta attaaaaaga aattagtcag ctacaagcat gaacatgtgg 180
aacgcttacc ttgtacttag gcgtttttgt tttgttttta atggcttttg gaatattata 240
gtattaacat ctggaaaact aggtaaattt atcttagaat taagtntttn gctccttttt 300
tgcagaaaaa gaacagcaag aagcgattga acacattgat gaagtacaaa atgaaataga 360
cagacttaat gaacaagcca gtgaggagat ttgaaagta gaacagaaat ataacaaact 420
ccgccaacca ttttttcaga agaggtcaga attgatcgcc aaaatcccaa atttttgggt 480
aacaacattt gtcaaccatc cacaagtgtc tgcactgctt ggggagggaag atgaagaggc 540
actgcattat ttgaccagag ttgaagtgc acgaatttgaa gatattaaat cagggttacag 600
aatagatttt tattttgatg aaaatcctta ctttgaaaat aaagtctctt ccaaagaatt 660
tcatctgaat gagagtgggt atccatcttc gaagtcacc gaaatcaaat ggaaatcttg 720
aaaggatttg acgaaacggt cgaagtcaaac gcagaataaa gccagcagga agaggcagca 780
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cctcctttct ctgtatattg ggctcagaga gtacactgtg tctctatgtg aatatggaca 1500
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caagtttgac ttgtataaca tcaactgtca actttgtcac cctaacttcg tattttttga 2040
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ttcacatcat ttgggatacc agatagctca atactctctg agtacattgt gcccttgatt 2220
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```

ctgccaccac catccaacag acctggtgct ctaatgcaa gttatacacg ggacagttgc 2340
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ctgatggtga gcagtaactg tccctgcttt ctggtataaa gctctcaaat gtgaccatgt 2460
gaatctgggt gggataatgg actcagctct gtctgctcaa tgccattgtg cagagaagca 2520
ccctaattga taagcttttt aatgctgtaa aatatagtcg ctgaaattaa atgccacttt 2580
ttcagaggtg aattaatgga cagtctgggtg aacttcaaaa gctttttgat gtataaaact 2640
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atgtaatttc tgcacaggtc tctgtttagt aaatacatca ctgtataccg atcaggaatc 2760
ttgctccaat aaaggaacat aaagatttaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2820
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<210> 528

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (8)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (22)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (94)

<223> n equals a,t,g, or c

<400> 528

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ttttcccccg cgcccaatgc gagggagacg aaantatgta aatgagtgga ttctggctga 120
gctatcctat tggctatcgg gacaaaattt gcttgagcca atccaaagtg ctccgtggac 180
aatcgccgtt ctgtctataa aaaggtgaag cagcggcggt ttccggcgact ttcccgatcg 240
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gaggcaaggc ccgcgcgaag gccaaagtcg gctcgtcccg cgctggcctt cagttcccgg 360
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ccgtctacat ggctgcggtc ctcgagtatc tgaccgccga gatcctggag ctggcgggca 480
acgcggctcg ggacaacaag aagacgcgca tcatccctcg tcacctccag ctggccatcc 540
gcaacgacga ggaactgaac aagctgctgg gcaaagtcac catcgcccag ggcggcgtct 600
tgcctaacat ccaggccgta ctgctcccta agaagacgga gagtcaccac aaggcgaagg 660
gcaagtgagg ctgacgtccg cccaagtggc ccagcccggc ccgcgtctcg aaggggcacc 720
tgtgaactca aaaggctctt ttcagagcca cccacgtttt caaataaaaag agttgttaat 780
gctggcaaaa aaaaaaaaaa aaaaaaaaaa aaaaaa 816

```

<210> 529

<211> 885

<212> DNA

<213> Homo sapiens

<400> 529

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atcgtgcgcc gagggccgcg aggggtcgc gcccagatcc caccagccag caagctaaag 180
catggcggcc atccctcca gcggtcgcgt cgtggccacc cagactact accggcgccg 240
cctgggttcc acttcagca acagctcctg cagcagtacc gagtgcgccg ggaagccat 300
tccccacccc ccaggtctcc ccaaggctga cccgggtcat tgggggcca gcttctttt 360
cgggaagtcc accctccgt tcatggccac ggtgttgag tccgcagagc actcgaacc 420
tcccaggcc tccagcagca tgaccgcctg tggcctggct cgggacgccc cgaggaagca 480
gcccggcggc cagtcagca cagccagcgc tgggccccg tcctgacctg agcggttacc 540
accagcccc ggctgcgga ggcgctagtc caccagagcc cctycccgcc cctctcccca 600
ctcgcgcatc ctgcgcccc tccccacctc ccacccccca cctgtaaac taggcggctg 660
cagcaagcag accttcgcat caacacagca gacacaaaa accagtgaga gcccgcctct 720
ctaccgccc gcccagcac tcgctagctt tcctgacacc tggaactgtg cacctggcac 780
caagcgaaaa ataaactcca agcagccagt agccccgatg gtgtgtgcct gagctgtgtg 840
gcccgaggtt ccaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaa 885
```

<210> 530

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (693)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (695)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (715)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (730)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (741)

<223> n equals a,t,g, or c

<400> 530

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aaggtacagg cctcagggtc cctgctgtag acggggcggg ggagagtacg atgggtgggg 120
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cgtggtgggt cgtagggcgc tcgagatgga gccccagct tccttgatgg atcgcggggc 180
gcgagtgcc tagacaagcc ggagctggga cgggcaatcg ggcgttgatc cttgtcacct 240
gtcgcagacc ctcatccctc ccgtgggagc cccctttgga cactctatga ccctggaccc 300
tcgggggacc tgaacttgat gcgatgggag gctgtgcagg ctcgcggcgg cgcttttcgg 360
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cgcattggaa gaacgcggtg ggcttctggc tgctgggcct ttgcaacaac ttctcttatg 480
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gcatgtgga cccaggccca acgccgatcc cccacaacag ctcatcacga ttgactgca 600
actctgtctc tacggctgct gtgtccttg cgacatcct cccacactc gtcataaat 660
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gtgctttatn ggggacagct ng 742

```

<210> 531

<211> 525

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (502)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (510)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (523)

<223> n equals a,t,g, or c

<400> 531

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cgarctcgg gtggtcctca gggaggggtct ctcgccaga acacgtggat gccaccac 120
cactgagcct catggaggtg gtaacatttg gcgatgtggc tgtgcacttc tctcggagg 180
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caargacctc caagacaggt gaggttaga tcccatcgca gagaagccct ggggtgarga 420
gaaactkcar gaggggctca caactgtrgg tagctgtagg tgartcggg gggctacact 480
kggatgcctg ggaatgctac tnggggaaan cagcatccaa canct 525

```

<210> 532

<211> 1925

<212> DNA

<213> Homo sapiens

<400> 532

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gtggtctgag gccggtacag ctgcgcgtct gcgggaatag gtgcagcggg cccttgggcg 60
gggactctga gggaggagct ggggacggcg accctaggag agttctttgg ggtgactttc 120

```

aagatggact ctactctaac agcaagtga atccggcagc gatttataga tttcttcaag 180
aggaacgagc atacgtatgt tcaactcgtct gccaccatcc cattggatga cccactttg 240
ctcttttgcca atgcaggcat gaaccagttt aaaccattt tcctgaacac aattgaccca 300
tctcacccca tggcaaaagct gagcagagct gccaatatcc agaagtgcac ccgggctggg 360
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aaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaagggg 1920
ggggg 1925

<210> 533

<211> 502

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (469)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (482)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (487)

<223> n equals a,t,g, or c

<400> 533

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cggctccgcaa agcctgagtc ctgtcctttc tctctcccgc gacagcatga gcttcaccac 120
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aagctgaacg accgcctggc ctcttacctg gacaaaatga aggagcctgg agaccgagaa 420
accggagggt ggaagcaaa aaccgggag cactttggag aagaagganc ccaggtcaga 480
gnctggnagc cattaattca ag 502
```

<210> 534

<211> 1800

<212> DNA

<213> Homo sapiens

<400> 534

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tggaactcgtt ggagaagggg gccgccacct ccgtctccaa cccgcggggg cgaccgtccc 180
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ccaaacaatt tgggtgcaca gtcatcgaa gaagtctga agtttcaaaa gacagctcta 480
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aaagacattt gatagagatg ggttacttgc aggggtgaaa aatggcatac tacgaaatgc 840
gagctgaaca tagtgtgat atagatgtgg atattgattg gcctattgca gagcaaagag 900
tattaagata tggctatttt ggcaaagaga agcttaagga aataaaactt ttggtttgca 960
atattgatgg atgtctcacc aatggccaca tttatgtatc aggagaccaa aaagaaataa 1020
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tgaggctaatt ctcagaaaagg gcctgttcaa agcagacgct gtcttcttta aaactggatt 1140
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gagaaaaaaa tgatacagcc ttcttcagcc agttttgctt tatttttgat taagtaaat 1500
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gtttgtgtgc tttcaaagat gttgggattt tatttatctg gggacagtgt gtatggtaag 1740
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<210> 535

<211> 2497

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2467)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2487)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2493)

<223> n equals a,t,g, or c

<400> 535

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<210> 536

<211> 4090

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (42)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (528)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (535)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2475)

<223> n equals a,t,g, or c

<400> 536

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<210> 537

<211> 586

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (56)

<223> n equals a,t,g, or c

<400> 537

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<210> 538

<211> 1250

<212> DNA

<213> Homo sapiens

<400> 538

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<210> 539

<211> 1350

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1305)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1344)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1349)

<223> n equals a,t,g, or c

<400> 539

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<210> 540

<211> 2509

<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (3)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (38)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (367)
<223> n equals a,t,g, or c

<400> 540
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<210> 541

<211> 1743

<212> DNA

<213> Homo sapiens

<400> 541

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ccc 1743

<210> 542

<211> 2210

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (40)

<223> n equals a,t,g, or c

<400> 542

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<210> 543

<211> 1715

<212> DNA

<213> Homo sapiens

<400> 543

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<210> 544

<211> 3109

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1011)

<223> n equals a,t,g, or c

<400> 544

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gaccaagata tggtttttga gaggcaggga agcctaaatt tggcattgaa cctaagtctg 180
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<210> 545

<211> 1176

<212> DNA

<213> Homo sapiens

<400> 545

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<210> 546

<211> 1735

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (10)

<223> n equals a,t,g, or c

<400> 546

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<210> 547

<211> 1048

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1043)

<223> n equals a,t,g, or c

<400> 547

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<210> 548

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (719)

<223> n equals a,t,g, or c

<220>

<221> misc feature
<222> (724)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (727)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (734)
<223> n equals a,t,g, or c

<400> 548
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<213> Homo sapiens

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<223> n equals a,t,g, or c

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<211> 1816

<212> DNA

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<211> 2610

<212> DNA

<213> Homo sapiens

<400> 551

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<211> 4021

<212> DNA

<213> Homo sapiens

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<221> misc feature

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<223> n equals a,t,g, or c

<400> 552

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<213> Homo sapiens

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<210> 555

<211> 1997

<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (1951)

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<221> misc feature

<222> (1980)

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<220>

<221> misc feature

<222> (1992)

<223> n equals a,t,g, or c

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<222> (879)

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<221> misc feature

<222> (906)

<223> n equals a,t,g, or c

<400> 556

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<210> 557

<211> 3484

<212> DNA

<213> Homo sapiens

<400> 557

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<211> 790

<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (9)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (788)

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<211> 558

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (17)

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<211> 3043

<212> DNA

<213> Homo sapiens

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<222> (3038)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (3039)
<223> n equals a,t,g, or c

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<211> 1386

<212> DNA

<213> Homo sapiens

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<222> (480)

<223> n equals a,t,g, or c

<400> 562

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<211> 2638

<212> DNA

<213> Homo sapiens

<400> 563

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<211> 691

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<213> Homo sapiens

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<220>
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<222> (650)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (653)
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<210> 565
<211> 1967
<212> DNA
<213> Homo sapiens

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<210> 566

<211> 1334

<212> DNA

<213> Homo sapiens

<220>

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<222> (1253)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1307)

<223> n equals a,t,g, or c

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<223> n equals a,t,g, or c

<220>
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<210> 567
<211> 1610
<212> DNA
<213> Homo sapiens

<400> 567
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<211> 1412

<212> DNA

<213> Homo sapiens

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<221> misc feature

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<220>

<221> misc feature

<222> (1037)

<223> n equals a,t,g, or c

<400> 568

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<210> 569

<211> 1125

<212> DNA

<213> Homo sapiens

<400> 569

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<210> 570

<211> 1916

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1899)

<223> n equals a,t,g, or c

<400> 570

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gaagctcact gtgaccagcag acctccctgt gaatgatgga aaacctcaca tcgtccactt 420
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<210> 571

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1205)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1207)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1212)

<223> n equals a,t,g, or c

<400> 571

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<210> 572

<211> 2013

<212> DNA

<213> Homo sapiens

<400> 572

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<210> 573

<211> 669

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (445)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (631)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (638)

<223> n equals a,t,g, or c

<400> 573

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taaacggga 669
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<210> 574

<211> 2432

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (7)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2326)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2367)

<223> n equals a,t,g, or c

<400> 574

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<210> 575

<211> 1372

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (71)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1335)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1338)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1370)

<223> n equals a,t,g, or c

<400> 575

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<210> 576

<211> 2020

<212> DNA

<213> Homo sapiens

<400> 576

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<210> 577

<211> 3161

<212> DNA

<213> Homo sapiens

<400> 577

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3161

<210> 578

<211> 2046

<212> DNA

<213> Homo sapiens

<400> 578

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<210> 579

<211> 302

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (8)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (226)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (241)

<223> n equals a,t,g, or c

<400> 579

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tg                                     302
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<210> 580

<211> 3067

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (626)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1808)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2945)

<223> n equals a,t,g, or c

<400> 580

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<210> 581

<211> 1574

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (457)

<223> n equals a,t,g, or c

<400> 581

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<211> 960

<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (924)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (937)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (939)

<223> n equals a,t,g, or c

<400> 582

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<210> 583

<211> 541

<212> DNA

<213> Homo sapiens

<400> 583

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<210> 584

<211> 2968

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (454)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1437)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2961)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2964)

<223> n equals a,t,g, or c

<400> 584

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<210> 585

<211> 2608

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (84)

<223> n equals a,t,g, or c

<400> 585

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<210> 586

<211> 1893

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1184)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1865)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1883)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1887)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1893)

<223> n equals a,t,g, or c

<400> 586

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<210> 587

<211> 2463

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2413)

<223> n equals a,t,g, or c

<400> 587

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2463

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<210> 588

<211> 1945

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1240)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1939)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1945)

<223> n equals a,t,g, or c

<400> 588

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<210> 589

<211> 816

<212> DNA

<213> Homo sapiens

<400> 589

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<210> 590

<211> 2307

<212> DNA

<213> Homo sapiens

<400> 590

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<210> 591
<211> 1438
<212> DNA
<213> Homo sapiens

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<210> 592
<211> 1078
<212> DNA
<213> Homo sapiens

<400> 592
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<210> 593

<211> 2492

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2113)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2452)

<223> n equals a,t,g, or c

<400> 593

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<210> 594

<211> 1904

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1878)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1893)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1895)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1903)

<223> n equals a,t,g, or c

<400> 594

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aaaaaaaaaa aaaaaaanag gggggggccc ccnanggggc ccna 1904
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<210> 595

<211> 337

<212> DNA

<213> Homo sapiens

<400> 595

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cttcagcrgt tcccaggctc cctacctgag tccagctgtc cccttttctg ggactattca 180
aggaggtctc caggacggac ttcagatcac tgtcaatggg accgttctca gctccagtgg 240
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<210> 596

<211> 1288

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1283)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1285)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1287)

<223> n equals a,t,g, or c

<400> 596

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<210> 597

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (937)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (943)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (995)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1004)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1009)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (1040)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1051)

<223> n equals a,t,g, or c

<400> 597

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<210> 598

<211> 2093

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (969)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1422)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1425)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1481)
<223> n equals a,t,g, or c

<400> 598
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gaagtgcgcg gtttgatcag cctgctatca cgtgttctg gctctcttat ttagccaggc 660
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gagcgtctcc tccagtagct ctgaaagctg tggacaccaa tggccaggat tcttctctcc 780
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tccactttt tttttcagct ttaggacctg gggagatcct gtgagtcaag gcagacaccc 1140
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aaatcctggg gtmtgctcct tatcctggac atgaatgtat tgtacactga cgcgtcccca 1980
ctcctgtaca gctgctttgt ttctttgcaa tgcattgtat ggctttataa atgataaagt 2040
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<210> 599
<211> 562
<212> DNA

<213> Homo sapiens

<220>

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<222> (349)

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<220>

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<222> (383)

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<220>

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<222> (437)

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<220>

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<222> (445)

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<222> (473)

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<220>

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<222> (524)

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<220>

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<222> (549)

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<220>

<221> misc feature

<222> (561)

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<220>

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<222> (562)

<223> n equals a,t,g, or c

<400> 599

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cgaggtctca ctatgcccag gttggtctca aactcctgtg ctcaagcaat cctcccatct 180


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tggtcccta agtgtggga ttataggcat gagccaccgt gcccgccctc atgtctgcat 240
gttaaaagtt ctgagaattc ctatggaaaa taaatttgac ttgtcttaat gcagttcctc 300
taaaccttact taattccttt ttcttttttt ctttactatt tattaattnt tctcttttct 360
cagaccttgc agggatgaaa ggnccccctt tctcaaaacc ctcttatgat ctctacactc 420
tgcaagggtc tctgaangac agcangctga gaaaggccga tcctaacact tanctctttg 480
aagacacttt taaaactggc aacagtatct atagctttaa aagnacccat ggttcttaag 540
gcccgttant aaaaaaaaaa nn 562
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<210> 600

<211> 528

<212> DNA

<213> Homo sapiens

<220>

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<222> (1)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2)

<223> n equals a,t,g, or c

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<222> (104)

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<222> (417)

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<222> (444)

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<222> (458)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (493)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (507)

<223> n equals a,t,g, or c

<400> 600

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ctggagtgca gtggtgtgat ctcggtcac tgcaacctct gcctcccagg ttccagcaat 180
tctcctgcct cagcctccct agtggtggg atgacaggcg cctgccatca tgctgacta 240
gtttttgtat ttttagtaga gacggcggtt caccatgttg gccaggctgg tctcaaaactc 300
ctgacctcag gtgatccgcc tacctcagcc tcccaaagtg ctgggattac aggcgtgatc 360
caccacacct ggcccttgca atcttctact ttaagggttg cagagataaa ccaatanatc 420
cacaccgtac atctgcaata tganttcaag aaaggaanta gtaccttcaa tacttaaaaa 480
tagtcttcca canaaaatac tttattnctg atctatacaa attttcag 528
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<210> 601

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (145)

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<220>

<221> misc feature

<222> (160)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (172)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (174)

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<222> (185)

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<222> (191)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (199)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (212)

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<220>

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<222> (218)

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<220>

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<222> (250)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (297)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (302)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (306)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (341)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (389)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (413)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (444)
<223> n equals a,t,g, or c

<220>
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<222> (450)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (468)
<223> n equals a,t,g, or c

<400> 601
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atatatttgcg agtactcaac accaaccatcg atgggcggcg gaaaatagcc ttgccatca 120
ctgccattaa ggggtgtggc cgaanatatg ctcattgtgn gttgaggaaa gnanacattg 180
acctnaccaa naggcgcgga gaactcactg angatgangt ggaacgtgtg atcaccatta 240
tgcagaatcn acgccagtac aagatcccag actggttctt gaacagacag aatgatngta 300
angatnaatc tacttcaagc taacatgcta tcatttctac nttgagtact gctaagggtt 360
ctttccacaa cttgtacaca atgttattna ctgccagtt tataatttcc ctnttggttc 420
ccattttaag acttatttaa ttantatgcn ttttaaattt ttgagaentg ataga 475

<210> 602
<211> 288
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (84)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (100)
<223> n equals a,t,g, or c

517

<400> 602
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cctgtccctg gactctggaa tgtntggctg aagttgaggn tctcttactc tctaggccac 120
ggaattaacc cgagcaggca tggaggcctc tgctctcacc tcatcagcag tgaccagtgt 180
ggccaaagtg gtcagggttg cctctggctc tgccgtagtt ttgcccctgg ccaggattgc 240
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<210> 603
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (365)
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<220>
<221> misc feature
<222> (408)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (416)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (421)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (425)
<223> n equals a,t,g, or c

<400> 603
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gacttgtgtt gggactgctg ataggaagat gtcttcagga aatgctaaaa ttgggcaccc 120
tgcccccaac ttcaaagcca cagctgttat gccagatggt cagttaaag atatcagcct 180
gtctgactac aaaaggaaaa tatgttgtgt tcttctttta cctctctgac ttcaccttg 240
tgtgccccac ggagatcatt gctttcagt atagggcaga agaatttaag aaactcaact 300
gccaagtgat tgggtcttct gtggattctc acttctgtca tctagcatgg gtcaatacac 360
ctaanaaaca aggaggactg ggacccatga acattccttt ggtatcanac ccaacncaca 420
nttgntcagg at 432

<210> 604
<211> 371
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (282)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (291)
<223> n equals a,t,g, or c

<400> 604
atttagtggtg ataaggagaa gaacctgctg catgtcacag acaccggtgt aggaatgacc 60
agagaagagt tggttaaaaa ccttggtacc atagccaaat ctgggacaag cgagttttta 120
aacaaaatga ctgaagcaca ggaagatggc cagtcaactt ctgatttgat tggccagttt 180
ggtgtcgggtt tctattccgc ctcccttgta gcagataagg ttattgtcac ttcaaaacac 240
aacaacgata cccagcacat ctggggagtct gactccaatg anttttctgt naattgctga 300
cccaagaggg aaacactcta ggacggggga acgacaattt acgtggagta tggaccaatt 360
tccttatttaa g 371

<210> 605
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (292)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (322)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (330)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (331)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (342)
<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (363)

<223> n equals a,t,g, or c

<400> 605

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ctttcaggat taagcgattc ctggccaaga aacaaaagca aaatcgtccc attccccagt 120
ggattcggat gaaaactggg aaataaaatc aggtacaact ccaaaaaggag acattggaga 180
agaaccaagc tgggtctatg aaggaattgc acatgagatg gcacacatat ttatgctgtc 240
tggaaggtgc acgatccatg ttaccatatt caagctggaa aatgtgcacc antatctggg 300
agatttttga cgtgtttttc cncctctggan nctgtttatg gnacaagggt ggtttggttt 360
ggntccatta aattaaatta ggtaaaggcc cc 392
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<210> 606

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (255)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (312)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (368)

<223> n equals a,t,g, or c

<400> 606

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agcgggcccg gcctgcggag gtgggcggca tgcagctccg ctttgcccgg ctctccgagc 120
acgccacggc cccacccgg ggctccgcgc gcgccgcggg ctacgacctg tacagtgcct 180
atgattacac aataccacct atggagaaag ctgttgtgaa aacggacatt cagatagcgc 240
tcccttctgg gtgtnatgga agagtggctc cacggtcagg cttggctgca aaacacttta 300
ttgatgtagg antggtgtca tagatgaaga ttataagagg aatgttggtg ttgtactggt 360
taatttttng caagaaagt tgaagtcaaa aaaggatgac gaattgcaca gtcatttgca 420
acggattttt tatccagaaa ta 442
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<210> 607

<211> 182

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (53)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (124)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (132)

<223> n equals a,t,g, or c

<400> 607

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agaaaagtggg tgatccattt ttttaagaaag attggtatga tgtgaaagca cctgctatgt 120
tcantataag anatattgga aagacgctcg tcaccaggac ccaaggaacc aaaattgcat 180
ct 182
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<210> 608

<211> 673

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (561)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (569)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (603)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (604)

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<220>

<221> misc feature

<222> (627)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (630)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (652)

<223> n equals a,t,g, or c

<400> 608

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tccaacatct cgcgatgatg aaacttcggc tcactccttg ggcctgcct gatcctccaa 120
atcaccacag gactattcct agccatgcac tactcaccag acgcctcaac cgccttttca 180
tcaatcgccc acatcactcg agacgtaaataat tatggctgaa tcacgcgctg ccttcacgcc 240
aatggcgct caatattctt tatctgcctc ttcctacaca tcgggcgagg cctatattac 300
ggatcatttc tctactcaga aacctgaaac atcggcatta tcctcctgct tgcaactata 360
gcaacagcct tcataggcta tgcctccc tgaggccaaa tatcattctg aggggccaca 420
gtaattacaa acttactatc cgccatccca tacattggga cagacctagt tcaatgaatc 480
tgaggaggct actcagtaga cagtcccacc ctcacacgat tctttacctt tcacttcac 540
ttgcccttca ttattggcag ncctacagna ctcaccteta tttttgccc aaacggggat 600
canncaacc ccttagggaa tcacctnccn tttccgataa aaatcaacct tncaccttt 660
actacacaat cat 673
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<210> 609

<211> 553

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (377)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (449)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (497)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (536)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (545)
<223> n equals a,t,g, or c

<400> 609
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aaacttttgg acgacaatgg gaacattgct gaagaactga gcattctcaa atggaacaca 120
gacagtgtag aagaattcct gagtgaagaa ttggaacgca tataaatctt gcttaaattt 180
tgtcctatcc ttttgttacc ttatcaaatg aaatattaca gcacctagaa aataatttag 240
ttttgcttgc ttccattgat cagtctttta cttgagggcat taaatatcta attaaatcgt 300
gaaatggcag tatagtccat gatatctaag gagttggcaa gcttaacaaa acccattttt 360
tataaatgtc catcctnctg catttggtga taccactaac aaaatgcttt gtaacagact 420
tgcgggttaat tatgcaaatg atagtttgng ataattgggg ccaagtttta cgaacaacag 480
atttctaaat tagaganggt taccaggaca gatgatacta tgcctaaggg ctgggngccc 540
ttttnaagga aga 553

<210> 610
<211> 458
<212> DNA
<213> Homo sapiens

<220>
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<220>
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<220>
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<222> (281)
<223> n equals a,t,g, or c

<220>
<221> misc feature
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<220>
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<222> (314)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (316)
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<220>
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<222> (344)
<223> n equals a,t,g, or c

<220>
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<221> misc feature
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<220>
<221> misc feature
<222> (430)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (442)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (456)
<223> n equals a,t,g, or c

<400> 610
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tgactacttt gcgcaatggg acattagttg cattccgagg tcattatttc tggatgctaa 120
gtccattcag tccaccatct ccagctcgca gaattactga agttttgggg aatcccttcc 180
cccattgata ctgttttact aagggaatt tttnagaaa aggtngcagc attcagcagt 240

524

atatttataa acaggaacct gtacagaagt gcccttgga naaggcctgc tctaaaatta 300
tccagtggtg tngngnaacg acacagggtta agagacgtcg cttnaacgtg ctaaaaggac 360
ctttccaana cacaccatca gaatccataa tcacctgcc aatgggggtat cnagaccaag 420
gggcctccan aaggaggtta gnggttaccg tggggngg 458

<210> 611

<211> 565

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (5)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (8)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (469)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (471)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (534)

<223> n equals a,t,g, or c

<400> 611

aagcnganac caaccctcac taaagggaac aaaagctgga gctccaccgc ggtgcggccg 60
ctctagaact agtggatccc ccgggctgca ggaattcggc acgaggttgc agtgagccga 120
gatcgacca ttgcactcca gtctgggcaa cagagtgaga ttccgtctca aaaaaaaaaa 180
gaaaaggaaa aaaaaatagc attatacctc ttccttgtct caaccgccat gaaaattctg 240
aacactccaa attcagttga ataattccaa acaaaattta taagtataaa ataattttac 300
ttcttatagt aatagtatac tttaaaaagc ctcagggtat attatcttct aaacagctac 360
aattcagtcg agctacatta accaactatg ttctctagtt gaggaacaac taggcctatt 420
tcaactgctgt gtacacctag tgcctaacat gggtgccaaa taaatattnng nggattacac 480
tgaattgtaa aaaccattcg tttttgttta caattgccaa aaatctcaaa aggnccctgta 540
tttatgtaat tctttgaaat tatta 565

<210> 612

<211> 442

<212> DNA

<213> Homo sapiens

<220>
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<222> (229)
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cgcttttcgc gcgcccagca ttcacggggg ctccggcggc cgcggcgat ccgtgtcctc 180
cgcccgcttt gtgtcctcgt cctcctcggg gggctacggc ggcggctang gcggcgctct 240
gaccgcgtcc gangggctgc tggcgggcaa cgagaagcta accatgcaga actnaangac 300
cgcttggtct ctactggana agttcgcncc tgnaggggca aagggaacta aaagttaaat 360
ccgcnattgt acaaaaacagg gcttggcctt cccggataaa gcattataaa gancntcagg 420
aattggggaa aaatttttgn nc 442

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cggcctgcnc aggtgctgga tgagctgacc ctggcccaga accgaccttg gngatgcagt 180
tcgangcctn angaagagnt ggcctaccta agnaggaccc tgagggggaa tcaattncgt 240
taaggggcca atgggaggcc attaattttg anttggttcc ttccggacct ttggccant 300
cntgtt 306

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<221> misc feature
<222> (543)
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<400> 614
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accattgaga actccaggat tgtcctgcag atcgacaatg cccgtctggc tgcagatgac 120
ttccgaacca agtttgagac ggaacaggct ctgcgcagta gcgtggaggc cgacatcaac 180
ggcctgcgca ggggtgctgga tgagctgacc ctggccagga ccgacctgga gatgcagatc 240
gaaggcctga aggaagagct ggcctacctg aagaagaacc atgaggagga aatcagtacg 300
cttagggggc aagtgggagg ccaggtcagt gtggagggtg attccgctcc gggcaccgat 360
ctcgccaaga tcctgagtga catgcgaagc cnatatgagg tcatggccna gcagaaccgg 420
aaggatgctt aancctggtc accagcccgg actgaagaat tgaacccgga ggctcgttgc 480
cacacggagc aacttcngat gagcaggtcc aaggttactg acctgcggcg caacccttaa 540
ggncntgaga atgaa 555

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<222> (28)

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<222> (173)

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<400> 615

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gggtgaggcc ctcaactcat cggcgacta gcaccgcgtc cggcagcgcc agnccctacac 180
tcgccgcgc catggcctct gtctccgagc tcgcctgcat ctactcggcc ctattctgc 240
acgacgatga ggtgacagtc acggaggata agatcaatgc cctcattaaa gcagccgggtg 300
taaatgttga gccttttttg cctggcttgt ttgcaaaggc cctggccaac gtcaacattg 360
ggagcctcat ctgcaatgta ggggcccggg gacctgctcc agcagctggt gctgcaacca 420
gcaggaggtc ctgccccctc cactgctgct gctccagctg aggagaagaa agtggaagca 480
aagaaagaag aatccgagga gtctgatgat gacatgggct ttggtctttt tgactaaacc 540
tcttttataa catgttcaat aaaaagctga acttt 575
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<210> 616

<211> 346

<212> DNA

<213> Homo sapiens

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<220>

<221> misc feature

<222> (139)

<223> n equals a,t,g, or c

<400> 616

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gtcgcctcct acctgctggc tgccctaggg ggcaactcct ccccccagcg caagggnatc 120
aagaagatct tggacaacnt gggatatcgag gcggacgacg accggctcaa caaggttatc 180
agtgaactga atggaaaaaa cattgaagac gtcattgccc aggggtattg caagcttgcc 240
agtgtacctg ctggtggggc tgtagccgtc tctgctgccc caggctctgc agccctgct 300
gctggttctg cccctgctgc agcagaggag aagaaagatg agaaga 346
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530

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 <212> DNA
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 <222> (408)
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<400> 617
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 ttcttggcgc gaggcacgc cgccgccatc tccaagacgg ccgtggctcc gatcgagcgg 180
 gtcaagctgc tgctgcaggt ccagcacgcc agcaagcaga tcgccgccga caagcagtac 240
 aagggcatcg tggactgcat tgtccgcac cccaaggagc agggcggtgt gtccttctgg 300
 agggggcaacc ttgccaacgt cattegttac ttcccactc aagccctcaa cttegncttc 360
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<210> 618
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 <212> DNA
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<400> 618
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gagagggggc gactattata caagttggca agttgatcaa agaagctgcc gggaaaagca 120
atctgaagag ggtgaccctg gagcttggag gaaagagccc ttgcattgtg ttagctgatg 180
ccgacttgga caatgctgtt gaatttgcac accatgggggt attctaccac cagggccagt 240
nttgatatgc cgcatncagg atttttgtgg aagaatcaat ttatgatgag tttgttcgaa 300
ggagtgttga gcgggttaag antatatacct tgggaantcc tttgacccca gnagttcann 360
caagnccntc agattgacaa ggaccatttg gtaaatactt gacccattg agagtnggaa 420
gaaagaaggg gccaanatga tntggnggag gccctggggg ataaagggtan ttg 473

<210> 619
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<212> DNA
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aatggcgag actaccaccc aagggttgga tgggctgtct gagcgtgtg cccagtacaa 180
gaaggacgga gctgacttcg ccaagtggcg ttgtgtgctg aagattgggg aacacacccc 240
ctcagccctc gccatcatgg aaaatgccaa tgttctggcc cgttatgcca gtatctgcca 300
gcagaatggc attgtgcca tcgtggagcc tgagatcctc cctgatgggg accatgactt 360
gaagcgcttg ncagtatgtg accgaaaagg tgcttggctt gctgctacaa ggctcttgag 420
tgaccaccac atctacctgn aaggcacctt gctgaagccc aacatggtcc cccaggccat 480

gcttgcaactc anaagttttn ttatgaagga gattgcccac ggccaacccg tctcaancgc 540
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gcca 604

<210> 620
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<222> (311)
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<400> 620
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ccagcgagtc cctcttogtc tctaaccacg cctattaagc ggaggtgttc ccaggctgcc 120
cccaacactc caggccctgc cccctccac tcttgaagag gaggcgcct cctcggggct 180
ccaggctggc ttgcccgcgc tctttcttcc ctctgacag tgggtgtgtg tgctgtctgt 240
gaatgctaag tccatcaccc ttccggcac actgccaaat aaacagctat ttaaggggga 300
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<210> 621
<211> 248
<212> DNA
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<220>
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<222> (246)
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ggttgacaga aacacactgg ggaatggagc aaaacagtct ttgaatatcg aacacgcaag 120
gctgtgagac tacctattgt ngatattgca ccctatgaca ttgggtgtcc tgatcaagaa 180
tttgggtgtg acntnggncc tgtttgnttt ttataaacca aactctatct gaaatcccaa 240
caaaanaa 248

<210> 622
<211> 344
<212> DNA
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<222> (19)

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<222> (310)

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<222> (312)

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<220>
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atgccaagag gctgtatggc tccgaggcct ttgccactga ctttcaggac tcagctgcag 180
ctaagaagct catcaacgac tacgtgaaga atggaactcg agggactata acctgaacga 240
catacttctc cagctgaagt acacaggcaa tgnacgcgna ctnttcatcc tgcctgntca 300
ngncaagatn gnggaagtgg aagccatggt ggttttcaga gncc 344

<210> 623
<211> 316
<212> DNA
<213> Homo sapiens

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<220>
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<222> (286)
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<222> (294)
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<220>
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<222> (308)
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<220>
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<222> (313)
<223> n equals a,t,g, or c

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cggctctgaag ggtctggctg gtgagccagg ttttaaaggc agccgagggg acctggggcc 120
cccaggacca cctcctgtca tcctgccagg aatgaaagac attaaaggag agaaaggaga 180
tgaagggcct atggggctga aaggatacct gggcgcaaaa ggtatccaag gaatgccagg 240
catcccangg ctgtcaggaa tccctgggct gcctgggagg cccggncaca tcanaggaat 300
caaggganac atngga 316

<210> 624
<211> 445
<212> DNA
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<222> (172)
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<220>
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<222> (426)
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<220>
<221> misc feature
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<220>
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<400> 624
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catggtgaag gttggcggct acatccttgg ggagtttggg aaacctgaat tntggggacc 180
cccgntncca gccccccagt ggcagttctc cctgctccac tncaagttcc atctgtgaca 240
ngtggccagg ggnogctgct gctgtncac ctgacatcaa gttcatcaac ctctttccc 300
gagaccaagg ncaccatcca gggggtncgt nggggtcggt tttccagttg cgcaatgttg 360
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agttcnggnc aggtgttnga ggagt 445

<210> 625
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<212> DNA
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<220>
<221> misc feature
<222> (389)
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<220>
<221> misc feature
<222> (390)
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<220>
<221> misc feature
<222> (393)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (397)
<223> n equals a,t,g, or c

<400> 625
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gtgtgatctg accggtcgcg ggggaccagc ccagccctat ttcggctcga gcgaggaact 120
tctgctcccg tgactgaact ctgatcttga tagagagtcc cggccatggc agccaaagga 180
ggcaccgtca aagctgcttc agcattcaat gccactgaag atgccagac cctgaggaag 240
gccatgaagg ggcttggcac cgacgaagat gccatcatca gcgtcctcgc ctaccgcaac 300
acagcccagc gccaggaaat caggacggcc ttacaagagc accattcggc aggggacctt 360
gtgttaagga acggaccccn ttttgtttnn gantggngtg a 401

<210> 626
<211> 315
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<220>
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ataccctcana ctgctgctgg actcacttcg aaaagcccag ggnaattgac aacgtccctcg 180
tcacottttag ccatgacttc tggtegaccg agatcaatca gctgatcgcc ggggtgaatn 240
tctgtccggt tctgcangtg ttctttccct tcagcattca gttgttcctt aacgantttc 300
cangttantg acctt 315

<210> 627

<211> 412
<212> DNA
<213> Homo sapiens

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gatgaattcc aaattctgct tgcttgcttt ttaatattga tatgcttata cacttacact 180
ttatgcacaa aatgtagggt tataataatg ntaacatgga catgatcttc tttataattc 240
tactttgagt gctgtctcca tgtttgatgt atctgagcag gntgctccac aggtagctct 300
agcagggctg gcaacttann aggtgngag cagagaattc tcttatccaa catcaacatc 360
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cactggccgt cgttttataa cgtcgtgact gggaaaaccc tggcgttacc caacttaatc 180
gccttgtagc acatccccct ttgccagct ggcgtaatag cgaagaggcc cgcaccgac 240
gcccttccca acagttgcgc agcctgaatg gcaaatggga cgcgccctgt agcggcgcat 300
taagcgcggc ggggtgtgtg gttacgcgca gcgtgaccgc tacacttgcc agcgcctac 360
gcccgtcct ttogtttctt cccttccttt ctgccacgt tcgccgntt tccccgtnaa 420
gctntaaatn gggggctncc tttanggttc cgattaangn tttacgggac cttingacca 480
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ttgannttgg agtcccgttn ttaaaaggga ctttggt 577

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cgtcgtgact gggaaaaccc tggcgntacc caacttaatc gccttgacgc acatccccct 180
ttcgccagct ggcagtaata gcgaagaggc cgcaccgat cgcccttccc aacagttgcg 240
cagcctgaat ggcgaatggg acgcgccctg tagcggcgca ttaagcgcg cggtgtggt 300
ggttacgcgc agcgtgaccg ctacacttgc cagcgcccta gcgnccgctc ctttcgcttt 360
cttcccttcc tttctcgcca cgttcgccgg ntttccccgt caagctctaa atenggggct 420
cccttttang ttccgatnta gtgctgtacg gcacctngac cccaaaaaac ttgattaggg 480
tgatggttca cgtngtggnc atcgccctga tagacggntt ttcgcccttt gacgttggag 540
nccacgttct taatagtgga ctctttggtc caaacnggan caacantgaa cccctatctc 600
ggnctattct ttgatttat nagggatttt gncgatttca ggnctatttg ntaaaaaatg 660
gatcttgnnt ttaacccaaa atttaaacgg cggaatttta agc 703

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<212> DNA
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ccctggcgtt acccaactta atcgcccttc agnacatccc cntttcgcca gctggcgtaa 240
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cgctacactt gccagngccc tagcgccgc tcctttcgt ttcttcctt cctttntcgc 420
cacgttcgcc ggctttccc gtcaagctnt aaatcgggg ctccctttag ggttcgatt 480
aagngcttta cgggacctn gncccaaaa aaacttgatt agggnggat gntcacngta 540
aaggggccat tgcccttgat aaaacggttn ttngccctt ttgaccttg aantccccgt 600
ttctttaaaa aangggacct ttggttcna actgggaa 638

<210> 631
<211> 187
<212> DNA
<213> Homo sapiens

<400> 631
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gacgtcatag ctcttctata gtgtcaccta aattcaattc actggccgto gttttacaac 120
gtcgtgactg ggaaaaccct ggcgttaccc aacttaatcg ccttgacgca catccccctt 180
tcgccag 187

<210> 632
<211> 305
<212> DNA
<213> Homo sapiens

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cccgggtcga cccacgcgtc cgactagttc tagatcgca gcggccgctc tagaggatcc 120
aagcttacgt acgcgtgcat gcgacgtcat agctcttcta tagtgtcacc taaattcaat 180
tcaactggccg tcgtttttaca acgtcgtgac tgggaaaacc ctggcggttac ccaacttaat 240
cgccttgca caccatcccc tttcgccagc tggcgtaata gcgaagaggg ccgcaccgat 300
cgccc 305

<210> 633
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<212> DNA
<213> Homo sapiens

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aaaaaaaaaa aaaaaaaaaa gggnggacga tctagaggat ccaaagctta cgtacnctn 180
natgcaa 187

<210> 634
<211> 243
<212> DNA
<213> Homo sapiens

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atccaggcca naaagttcac agtcaaattg ggaggggtat tcttnatgca ggagacccca 180
ggccctggag gctgcnacat acctnaatcc tgtcccangc cggatcctnc tgaagccctt 240

ttt

243

<210> 635
<211> 180
<212> DNA
<213> Homo sapiens

<400> 635
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gagggggcgg ccgctctaga ggatccaagc ttacgtacgc gtgcatgcga cgtcatagct 120
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<210> 636
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<212> DNA
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ttacgtacgc gtgcattcga cgtcatagct cttctatagt gtcacctaaa ttcaattcac 180
tgcccgctcgt tttaacaacgt cgtgactggg aaaaccctgg cgttacccaa cttaatcgcc 240
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cttcccaaca gttgcgcagc ctgaatggcg aatgggacgc gccctgtagc ggcgcattaa 360
gcgcggcggg tgtggtggtt acgcgcagcg tgaccgctac acttgccagc gccctagcgc 420
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ctttgacgtt ggagtcacgt cttaataggg actcctgtnc aaactggaac aacactnaac 660
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<211> 497

<212> DNA

<213> Homo sapiens

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tcgtgactgg gaaaaccctg gcgttaccca acttaatcgc cttgcagcac atcccccttt 180
cgccagctgg cgtaatagcg aagaggcccg caccgatcgc ccttcccaac agttgcgcag 240
cctgaatggc gaatgggacg cgccctgtag cggcgcatta agcgcgggcg gtgtgggtgt 300
tacgcgcagc gtgaccgcta cacttgccaa gcgcctaag cgcccgttcc ttctgcttcc 360
ttcctttctt ttttngccac gttcggcccg cttttccccc taaagcttta aatcnggggg 420
gttcccttaa ggggttccga ttaannggtt ttacgggaac ttngacccca aaaaaacttg 480
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<210> 638
<211> 509
<212> DNA
<213> Homo sapiens

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<222> (348)
<223> n equals a,t,g, or c

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<221> misc feature
<222> (385)
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acgtcgtgac tgggaaaacc ctggcgttac ccaacttaat cgccttgacg cacatccccc 180
tttcgccagc tggcgtaata gcgaagaggc ccgcaccgat cgcccttccc aacagttgcg 240
cagcctgaat ggcgaatggg acgcgccctg tagcggcgca ttaagcgagg cggggtgtgg 300
ggttacgcgc agcgtgaccg ntacacttgc cagcgcccta gcgcccgnic ctttcgcttt 360
cttccttctt tctcggcacg gtcgnccggc tttncccgnc aagctntaaa tcgggggggct 420
tccntttagg ggttccgaat taagggtttt accgggaacc ntngaacccc caaaaaactt 480
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acgtcgtgac tgggaaaacc ctggcggttac ccaacttaat cgccttgacg cacatcccc 180
tttcgccagc tggcataata gcgaagaggc ccgnaccgat cgcctttccc aacagttgcg 240
cagcctgaat ggcgaaatggg acncgccctg tagcggcgca ttaagcgcg cggtgtngt 300
ggttacgcgc agcgtgaccg ctacacttgc agncocctag cgcccgcctc tttcnntttn 360
ttnccttcc tttngcacg tttnacggct ttcccgtaa gctctanac gggggctcct 420
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ntgtnttgng ccattgcctt atttccc 507

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gaaggnattc ctccctgaatn cagcagagaa ctgaatcttt gcctgggncaa gcagctggga 180

aggatgggac gttactttgt gctgaactta caatatttca aaaggggttc ttacttcttn 240
atcttgtgtt gagaatttcg tgggtggtgc ttaggaaagg ggaaggagga agtttttaca 300
accattccca ggaaggntta gggccagggn aaagganggt ttaagntggt tgtncncgaa 360
attttttagg gnggggttng attgggcaan tnngtnggct ttggttgggg ggttccccctt 420
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acacatgacc ccagccctct acagcggtaa ggtgagggac ccacattncc cctgccctct 180
gagacttngg gggacgttgc ccccctgana tgcagnnngg gcctgaatat gtgaaccagc 240
cagatgttcg gccccagccc ctttcgcccc gaagatgngc tngnctgctg cccgacctnc 300
ttggtgccac tctggnaagn ggccaagaat ctnttcccca gggaagaatt gggtcgtcaa 360
aagnggtttt tgcnttttgg gggttccgtt gagaancccg agtangttta caacccaag 420
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<211> 602
<212> DNA
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tatttgacaa agatggtgat ggaactataa caacaaagga attgggaact gtaatgagat 180
ctcttgggca gaatcccaca gaagcagagt tacaggacat gattaatgaa gtagatgctg 240
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acacagacag tgaagaagaa attagagaag cattccgtgt gtttgataag gatggcaatg 360
gctatattag tgctgcagaa cttcgccatg tgatgacaaa ccttggaaga gaagttaaca 420
gatgaagaag tttgatgaaa tgatcagga agcagatatt gatggtgatg gtcaagttaa 480
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gcgcgccagc acagaaacag aggagagtcc cagagcagga ggcccctggc ccagcggnc 180
ctcccacaca caccacacaca ctgcgccgcc cactgtcctg ggcgccctgg aagccggcgg 240
gccaaagccga cttgctgttt tgttctgtgg tttcccctcc ctgggttcaa aaatgctgcc 300
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gtgattggaa aaaccaccca acttggaanc nactcttttt cctgggtcct tctctccagg 420
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cctgctggac ggctccgagc ggctgggtga gcagaacttc cacaaggccc ggcgcttcgt 180
ggagcagggtg gcgcggcggc tgacgctggc ccggaggagac gacgaccctc tcaacgcacg 240
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caacctcacg gccatccacg aggcgctgga gaccacgcaa tacctgaact ctttctcgca 360
cgtggggcgca ggcgtggtgc acgccatcaa tgccatcgtg cgagcccgc gtggcggggc 420
ccggaggcac gcagagctgc cttcgtggtc ctcacggacg gcgtcacggg caacgacagn 480
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ctcttngccc tactgcagct aaaagncttt gactttgtnc ctcccgtcgt ncnttngctc 180
aatgnacaga gatnctacgg tgggtggntat ggctctaccc aggccacctt catggtgttc 240
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nacctccaaa tgctcng 317

<210> 649
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<212> DNA
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acgcctatta caacctggag gaaagctgta cccggttcta ccatccggaa aaggaggatg 180
gaaagctgaa caagctctgc cgtgatgaac tgtgccgctg tgctgaggag aattgcttca 240
tacaaaagtc ggatgacaag gtcaccctgg aagaacggct ggacaaggcc tgtgagccag 300
gagtggacta tgtgtacaag acccgactgg caagggtcaa gctgtccaat gactttgacc 360
gagtacatca tggccattga gcagaccatc aagtcaggct cggtatgagg gcaggttggg 420
cagcagcgca cgttcatcag ccccatcaag tgcagagaag ccctgaagct tgaggagaag 480
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agagttaaca gaaggaatag aatgtcttca gacacattcc aagataaatg gcagagattt 120
gaccttcttg caagaacttg tatccaagtg tttaactgaa tattcatcta agcaaagtgg 180
ttccanacca aatgttccag aagtttgaaa atggatttgt tcctggacgt actgcacggc 240
aanctgaagc acaggtact aacngntna acccanc 277
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<210> 651

<211> 357

<212> DNA

<213> Homo sapiens

<220>

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<222> (9)

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<220>

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<222> (13)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (86)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (89)

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<220>

<221> misc feature

<222> (97)

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<220>

<221> misc feature

<222> (100)

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<220>

<221> misc feature

<222> (106)
<223> n equals a,t,g, or c

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<220>
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<220>
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<220>
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<220>
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<220>
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<222> (324)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (355)
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<400> 651
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ttttttctcg gcctggctcg cggcgnaacng agatggnagn gcagtnggac gaggccgtga 120
agtaatacac cctaggagga gattcagaag cacaaccaca gcaagagcac ctggnctgat 180
cctgncacca caaggtgtac gaatttgacc aaatttcttg nagaggcatc cctggtgggg 240
gaggaagtgt taagggaac aagcttgag gtgacgctac ttgaggaant tttgaggnt 300
gttcggggca cttttaccag ntgncccaag ggaaaattgt tcccaaaaac atttnca 357

<210> 652
<211> 190
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (138)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (146)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (148)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (172)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (180)
<223> n equals a,t,g, or c

<400> 652
ggaagctact tccctatca tagaagagct tatcaccttt catgatcacg ccctcataat 60
cattttcctt atctgcttcc tagtcctgta tgcccttttc ctaacactca caacaaaact 120
aactaatact aacatctnag acgctnanga aatagaaacc gtctgaacta tnctgcccgn 180
catcatccta 190

<210> 653
<211> 603
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (415)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (600)
<223> n equals a,t,g, or c

<400> 653

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gcttcgaccc cgccggagga ggagacccca ttctatacca acacctatcc tgatttttcg 60
gtcacccctga agtttatatt cttatcctac caggcttcgg aataatctcc catattgtaa 120
cttactactc cggaaaaaaa gaaccatttg gatacatagg tatgggtctga gctatgatat 180
caattggctt cctagggttt atcgtgtgag cacaccatat atttacagta ggaatagacg 240
tagacacacg agcatatttc acctccgcta ccataatcat cgctatcccc accggcgta 300
aagtatttag ctgactcgcc aactccacg gaagcaatat gaaatgatct gctgcagtgc 360
tctgagccct aggattcatc tttcttttca ccgtagggtgg cctgactggc attgnattag 420
caaactcatc actagacatc gtactacacg acacgtacta ccgttgtagc ccaactccac 480
tatgtcctat caataggagc tggatttgcc atcataggaa ggcttcattc actgatttcc 540
ctattctcag gctacaccct agaccaaacc tacgccaaaa atcatttcac tatcataatn 600
cac 603
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<210> 654

<211> 356

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (198)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (270)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (302)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (328)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (340)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (347)

<223> n equals a,t,g, or c

<400> 654

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ggtttttttc ttgcaggat tttctgagc cttttaccac tccagcctag cccctacccc 60
ccaattagga gggcactggc ccccaacagg catcaccgcc ctaaatcccc tagaagtccc 120
```

actcctaaac acatccgtat tactcgcatc aggagtatca atcacctgag ctcaccatag 180
tctaatagaa aacaaccnaa accaaataat tcaagcactg cttattacaa ttttactggg 240
tctctathtt accctcctac aaagcctcan agtacttcga gtctcccttc accatttcgg 300
anggcaccta cggctcaaca ttttttgnag cccaggcttn cacgganttt cacgctc 356

<210> 655

<211> 682

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (660)

<223> n equals a,t,g, or c

<400> 655

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gatcacgccc tcataatcat tttocttato tgcttcctag tcctgtagtc ccttttcccta 120
acactcacia caaaactaac taatactaac atctcagacg ctcaggaaat agaaaccgctc 180
tgaaactatcc tgcccggcat catcctagtc ctcacgcgcc tcccatccct acgcatcctt 240
tacataacag acgaggtcaa cgatccctcc cttaccatca aatcaattgg ccaccaatgg 300
tactgaacct acgagtacac cgactacggc ggactaatct tcaactccta catacttccc 360
ccattattcc tagaaccagg cgacctgcca ctccttgacg ttgacaatcg agtagtactc 420
ccgattgaag ccccatctcg tataataatt acatcacaag acgtcttgca ctcatgagct 480
gtccccacat taggcttaaa aacagatgca attcccgac gtctaaacca aaccactttc 540
accgctacac gaccgggggt atactacggt caatgctctg aaatctgtgg agcaaaccac 600
agtttcatgc ccatcgccct agaattaatt cccctaaaaa tctttgaaat aaggggcccg 660
atttacccta tagcaccct ct 682

<210> 656

<211> 520

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (429)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (442)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (449)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (483)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (485)

<223> n equals a,t,g, or c

<400> 656

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gagaagagct tatcacotth catgatcacg ccctcataat cattttcctt atctgcttcc 60
tagtcctgta tgcccttttc ctaacactca caacaaaact aactaatact aacatctcag 120
acgctcagga aatagaaacc gtctgaacta tcctgcccgc catcatccta gtccctcatcg 180
ccctcccatc cctacgcac ctttacataa cagacgaggt caacgatccc tcccttacca 240
tcaaatcaat tggcaccaat ggtactgaac ctacgagtac accgactacg gcggactaat 300
cttcaactcc tacatacttc cccattatt cctagaacca ggcgacctgc gactccttga 360
cggtgacaat cgagtagtac tccgattga agcccatc gtataataat tacatcaca 420
gacgcttgna ctcaagagct gncacacant aggcttaaaa acaggatgca atttccgggc 480
ggntnaaaca aaacaatth accggtacac gaacgggggg 520
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<210> 657

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (227)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (340)

<223> n equals a,t,g, or c

<400> 657

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gcactttctg ccaaagaaat ctctcctttt gcttctagca ccgactagat ttcttcagc 60
tgatgattga ctcccagaat tcgaaagaaa ctgagtccca caaagctctg tctgatctgg 120
agctcgcagc ccagtcaata atcttcattt ttgctggcta tgaaaccacc agcagtgttc 180
ttcttcac tttatatgaa ctggccactc accctgatgt ccagcnaaaa ctgcaaaagg 240
gagattgatg cagttttgcc caataaggca ccacctacct atgatgccgt ggtacagatg 300
gattaccttg acatggtggt gaatgaaacc tcaaattatn cccgttggt tta 353
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<210> 658

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (5)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (203)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (215)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (240)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (262)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (310)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (321)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (333)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (338)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (362)
<223> n equals a,t,g, or c

<400> 658
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caggcagcca agaccctcc cacttccttc ttgggctcc ctctcctcag gtatgaaaat 120
gaagctggcc ctgcgccag gcgtttgaag gctgacatca acggcttgcg ccgagtcctg 180
ggatgagctg accctggcca ggnctgacct ggagntgcag atcgagggcc tgaatgaggn 240

agctagcctt acctgaagtg gnaccacgaa ggagggagat ggaaggagtt tcagcagcca 300
gttggccggn caagttcaat nttggagatg ggcggganca ccgggtgtgg gacctgacct 360
gn 362

<210> 659

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (7)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (33)

<223> n equals a,t,g, or c

<220>

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<222> (47)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (100)

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<220>

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<222> (147)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (168)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (175)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (202)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (204)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (228)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (240)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (247)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (286)
<223> n equals a,t,g, or c

<220>
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<222> (294)
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<220>
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<222> (353)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (445)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (446)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (447)
<223> n equals a,t,g, or c

<400> 659
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ctaccatgtc catcaagggtg acccagaagt cctacaagggn gtccacctct agcccccg 120

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ccttcagcag cgcctcctac acgaatnggc ccggttcccg catcaacncc togancttct 180
cccgaaatagg cagcagcaac tntngcagtg gcctgggcgg cggctatngt ggggccagcn 240
gcatggnagg catcaccgca gttacgggtca accagagcct gctgancccc ctnttccttg 300
aggtggaccc caacatccag gccgtgcgca ccagagagaa ggagcagatc aanaccctca 360
acaacaagtt tgctcttca tagacaaggt aggttccttg agcagcagaa caagatgttg 420
gaaaccaagt agagctcctt gacnnn 447
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<210> 660

<211> 295

<212> DNA

<213> Homo sapiens

<220>

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<220>

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<222> (10)

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<220>

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<222> (55)

<223> n equals a,t,g, or c

<220>

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<222> (70)

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<222> (73)

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<222> (82)

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<220>

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<222> (86)

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<222> (95)

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<220>
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<222> (121)
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<220>
<221> misc feature
<222> (144)
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<220>
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<222> (168)
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<222> (173)
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<220>
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<222> (185)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (229)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (241)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (257)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (270)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (284)
<223> n equals a,t,g, or c

<400> 660
ggnacgagcn aaggcctgca ccattctcct ccgggggggct agcaaagaaa ttctntcgga 60
agtagaacgn gancctccag gntgcnatgc aagtntgtcg caatgttctc ctgggaccct 120
nagctggtgc nagggggtgg ggcntccaaa atggctgtgg cccatgcntt ganagaaaaa 180
tccanggccca tggactggtg tgggaacaat ggccatacag ggctgttgnc cagggcccta 240
naggttcatt cctcgtnacc ctggatccan aaactgtggg gggncagcca ccatt 295

<210> 661
<211> 212
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (207)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (210)
<223> n equals a,t,g, or c

<400> 661
gttggcgtgc tgggcctgga cctctggcag gtcaagtctg gcaccatctt tgacaacttc 60
ctcatcacca acgatgaggc atacgtgag gagtttgga acgagacgtg gggcgtaaca 120
aaggcagcag agaaacaaat gaaggacaaa caggacgagg agcagaggct taaggaggag 180
gaagaagaca agaaacgcaa agaggangan ga 212

<210> 662
<211> 130
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (13)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (20)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (35)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (48)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (74)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (123)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (129)

<223> n equals a,t,g, or c

<400> 662

aaaatacatt ganatacatn atgaaggcca ctatnaccct ccttctgntt gcacaacttt 60
cctgggctgg accntttcat cagacaggct tattagactc tatgctagaa catgaagctt 120
atnggatcng 130

<210> 663

<211> 232

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (8)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (9)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (10)

<223> n equals a,t,g, or c

<220>
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<222> (21)
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<220>
<221> misc feature
<222> (138)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (139)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (195)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (205)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (216)
<223> n equals a,t,g, or c

<400> 663
gnctcatnnn gactgttctg ncccgattgt tgctgctggt gttggtgaat ttgaagetgg 60
tatctccaag aatgggcaga cccgagagca tgcccttctg gttacacac tgggtgtgaa 120
acaactaatt gtcggtgna acaaaatgga ttccactgag ccaccctaca gccagaagag 180
atatgaggaa attgntaagg aagtnagcac ttacnttaa gaaaaaactg gg 232

<210> 664
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (25)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (241)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (258)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (279)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (292)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (294)
<223> n equals a,t,g, or c

<400> 664
agcggagacc cgcaagcgca agggncgtgaa agaaggcatc cctgccctgg acaacttcct 60
ggacaaattg taggtggccc ctgcagcgcc tgccgccccg gggactcgca gcacccacag 120
caccacgtcc cgaattctca gacgacacct ggagactgtc ccgacactcc cctgagaggt 180
ttctggggcc cgctgcggtc acgagggggg gcccggttac ccaattcgtc ctatagtgat 240
natttacaat tcactggncg tcgttttaca agtcgtgtnt gagttttttt tntntt 296

<210> 665
<211> 376
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (282)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (334)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (335)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (336)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (342)

<223> n equals a,t,g, or c

<400> 665

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gggtcgaccc acgcgccggg ttgcccga gaacacaggt gtggtgaaaa ctaccctaa 60
aagccaaaat gggaaaggaa aagactcata tcaacattgt cgtcattgga cacgtagatt 120
cgggcaagtc caccactact ggccatctga tctataaatg cgggtggcatc gacaaaagaa 180
ccattgaaaa atttgagaag gaggctgctg agatgggaaa gggctccttc aagtatgcct 240
gggtcttggg taaactgaaa gctgagcgtg aacgtggtat cncattgga tatctccttg 300
tggaattttg agaccagcaa gtactatgtg actnnncatt gnatgcccc aggacacaga 360
gactttatcc agaaac 376
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<210> 666

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (11)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (211)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (223)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (287)

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<220>

<221> misc feature

<222> (297)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (323)

<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (325)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (332)
<223> n equals a,t,g, or c

<400> 666
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cgaccgctcg cagcgctctc ttgaccacta tgagcctcct gtccagccgc gcggcccgtg 120
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